Department of Computer Engineering

Institute Vision

We at SIEM aspire to be a globally recognized Institute that delivers a world class education to outstanding intellectual by nurturing and grooming by their interest, creative abilities and thrusts to acquire a life-long learning so as to imbibe values of their commitment towards society.

Department Vision

The department aims to be recognized in the field of quality education through excellence in teaching, learning, research and innovation for the betterment of society.

EVENT REPORT
On
Workshop " JAVA"

Name of Event: Workshop " JAVA"
Date of Event: 20/09/2021 to (30/09/2021)

Coordinator of Event: Prof. V V Mahale

Name and Details of Resource Person: Mr Sunil Joshi, R3Systems Pvt India Limited Nashik.

No of Participants: 30

Details of Participants: Students SE,TE Computer Engineering Department.

Program Outcome Mapped: PO1, PO2, PO5,PO9, PSO1

Objectives: To Prepare engineering students ready for placements and also make them learn the software development process using the programming language

Outcome: Students have learned core java with practical implementation

Photos:

meet.google.com/ozs-zeeu-fzs?authuser=0
Jayashree Patil
Nikhil Ingle
Tejas patil- 49
08 Bhagyesh B...
18 Abhishek Dh...
Tejas Ramteke
Sourav Gogoi
22 Sakshi Fulde...
om kayastha
17 Tejal Deokar
19 others
You
Sunil Joshi
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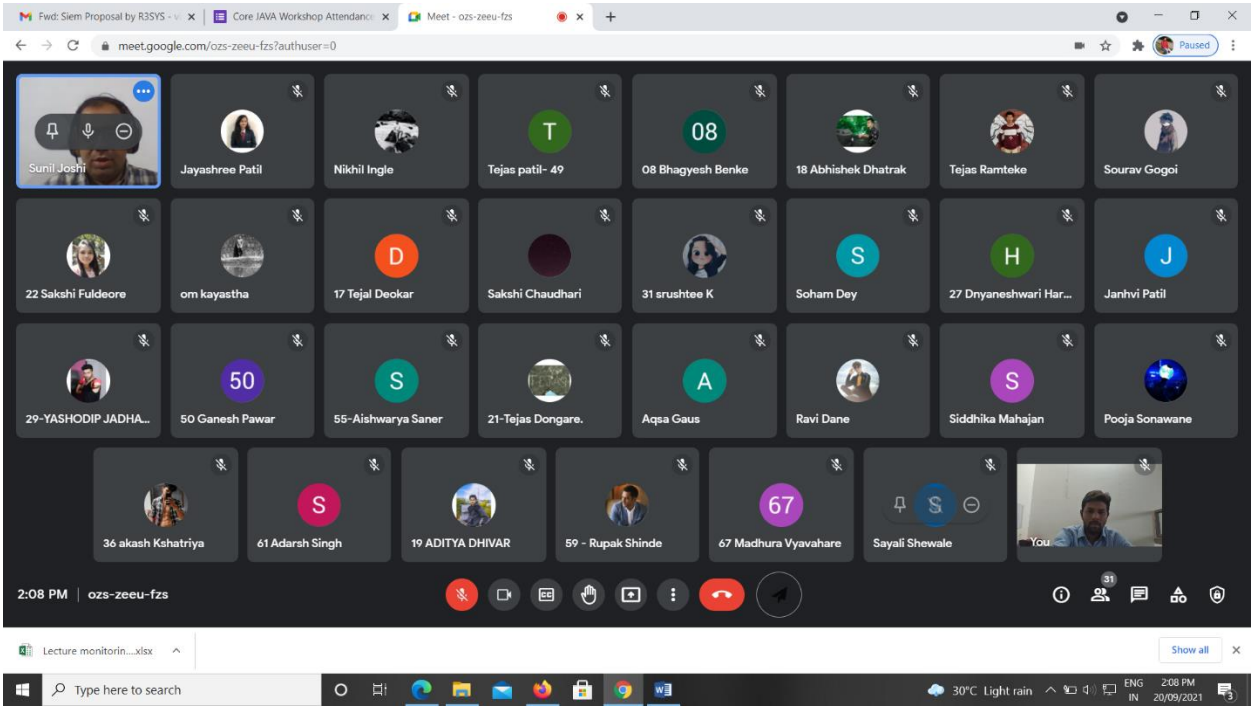
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Sunil Joshi
Jayashree Patil
Nikhil Ingle
Tejas patil- 49
08 Bhagyesh Benke
18 Abhishek Dhatrak
Tejas Ramteke
Sourav Gogoi
22 Sakshi Fuldeore
om kayastha
17 Tejal Deokar
Sakshi Chaudhari
31 srushtee K
Soham Dey
27 Dnyaneshwari Har...
Janhvi Patil
29-YASHODIP JADHA...
50 Ganesh Pawar
55-Aishwarya Saner
21-Tejas Dongare.
Aqsa Gaus
Ravi Dane
Siddhika Mahajan
Pooja Sonawane
36 akash Kshatriya
61 Adarsh Singh
19 ADITYA DHIVAR
59 - Rupak Shinde
67 Madhura Vyavahare
Sayali Shewale
You
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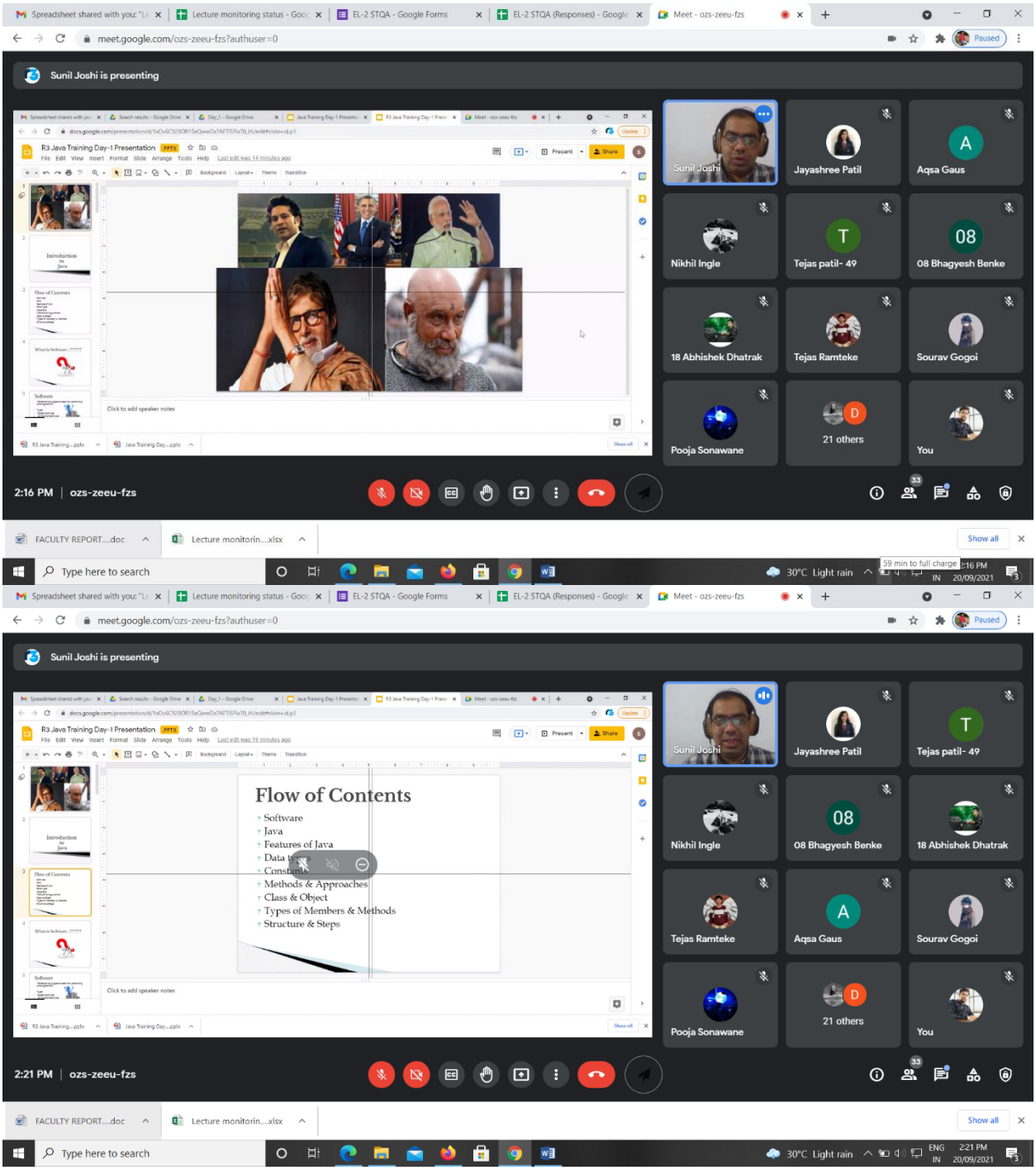
Sunil Joshi is presenting
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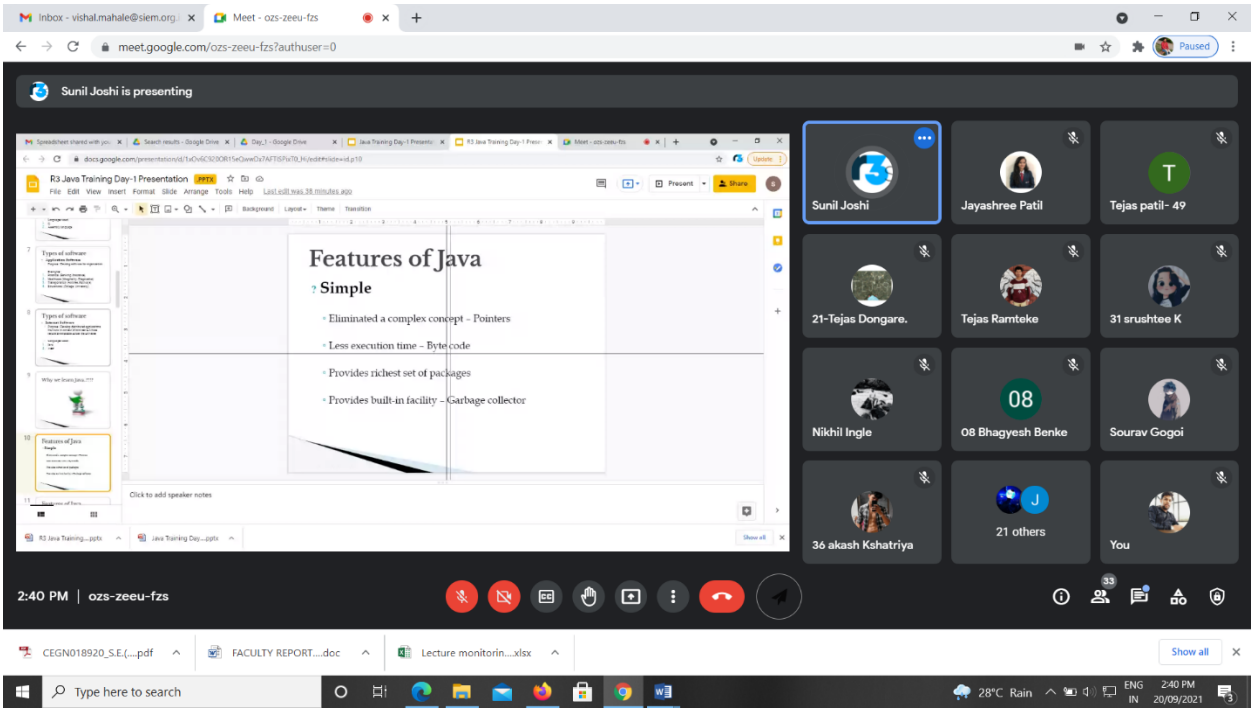
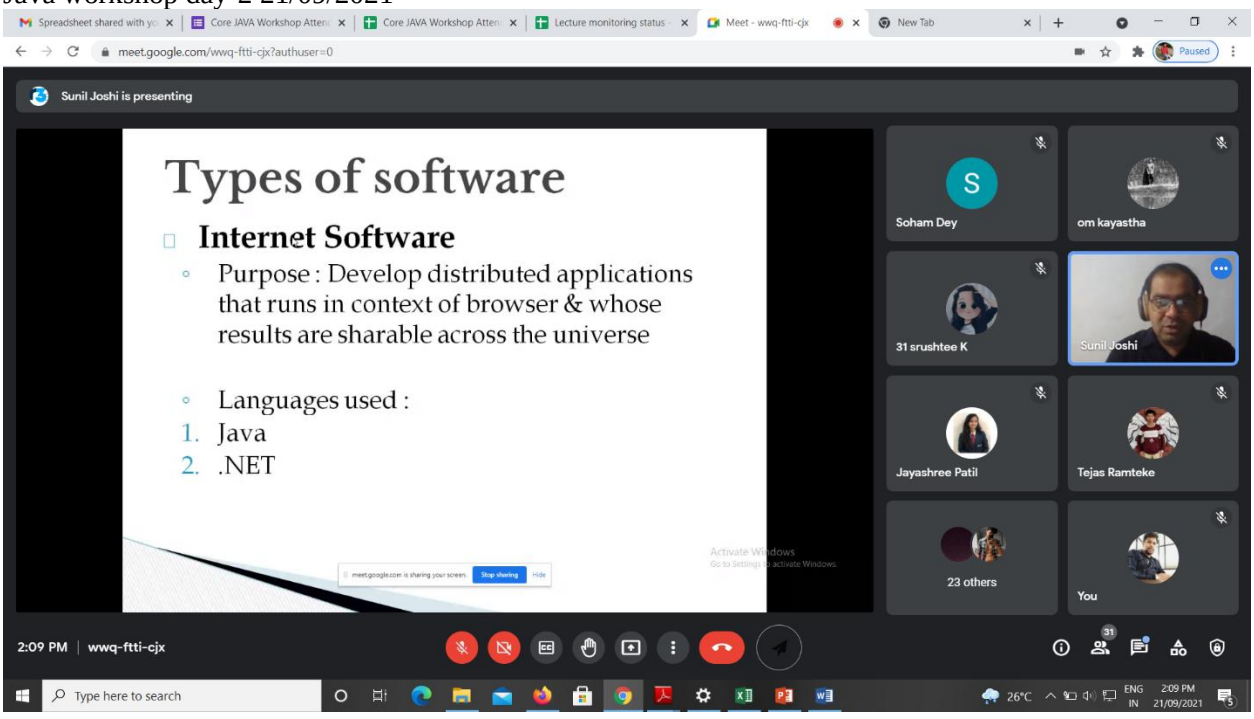
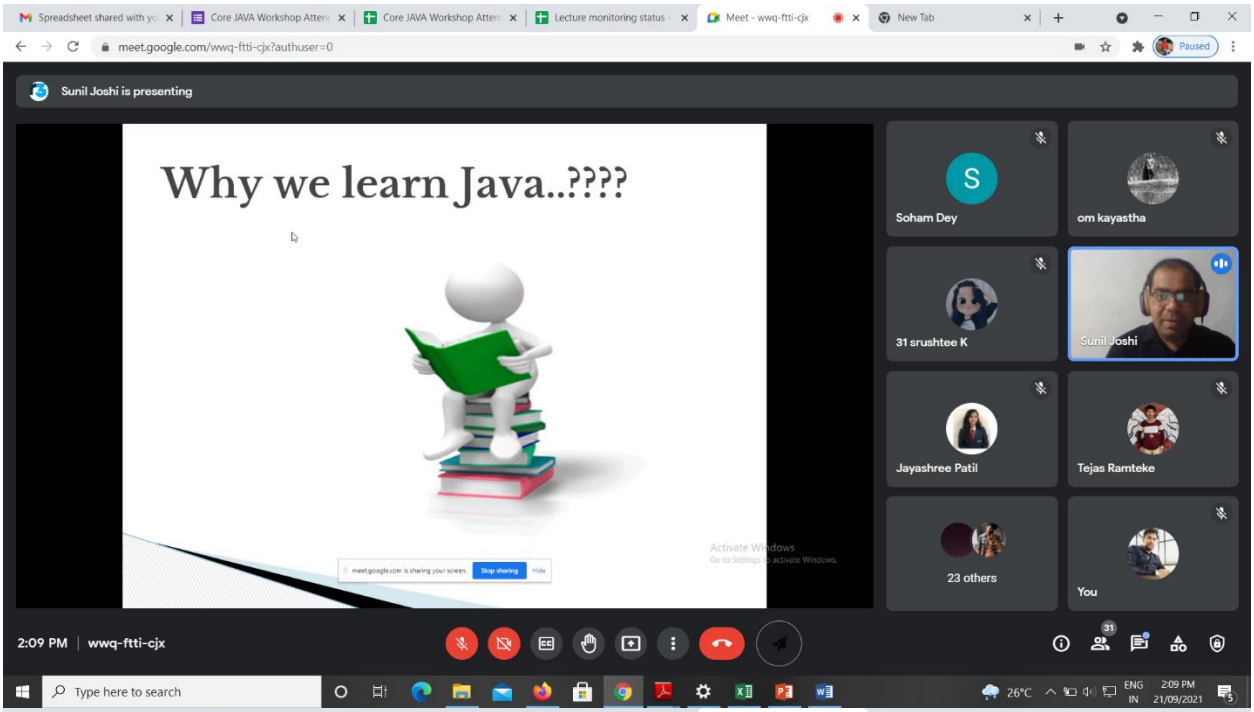
Sunil Joshi
Jayashree Patil
Aqsa Gaus
Nikhil Ingle
Tejas patil- 49
08 Bhagyesh Benke
18 Abhishek Dhatrak
Tejas Ramteke
Sourav Gogoi
Pooja Sonawane
21 others
You
2:16 PM | ozs-zeeu-fzs
Sunil Joshi is presenting
Flow of Contents
Software
Java
Features of Java
Methods & Approaches
Class & Object
Types of Members & Methods
Structure & Steps
Tejas patil- 49
2:21 PM | ozs-zeeu-fzs



Java workshop day-2 21/09/2021




Sunil Joshi is presenting
Why we learn Java..????
Soham Dey
om kayastha
31 srushtee K
Sunil Joshi
Jayashree Patil
Tejas Ramteke
23 others
You
2:09 PM | wwq-ftti-cjx
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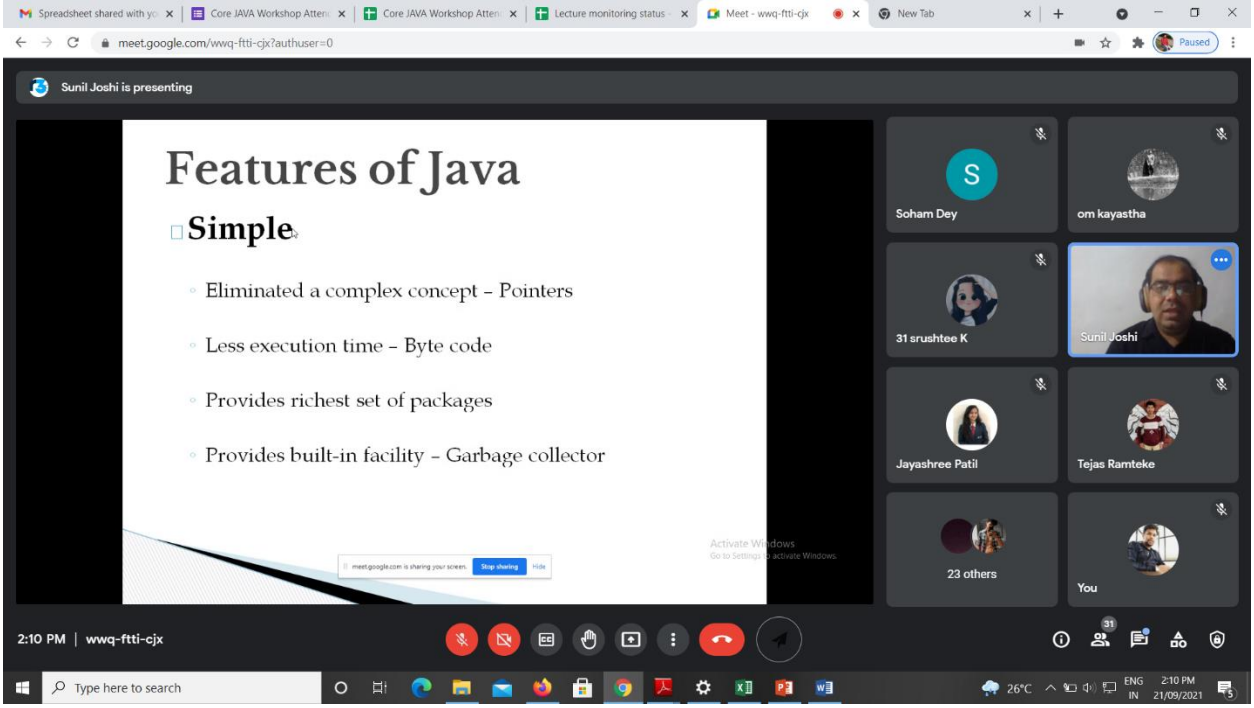
Sunil Joshi is presenting
Features of Java
Simple
Eliminated a complex concept – Pointers
Less execution time – Byte code
Provides richest set of packages
Provides built-in facility – Garbage collector
Soham Dey
om kayastha
31 srushtee K
Sunil Joshi
Jayashree Patil
Tejas Ramteke
23 others
You
2:10 PM | wwq-ftti-cjx
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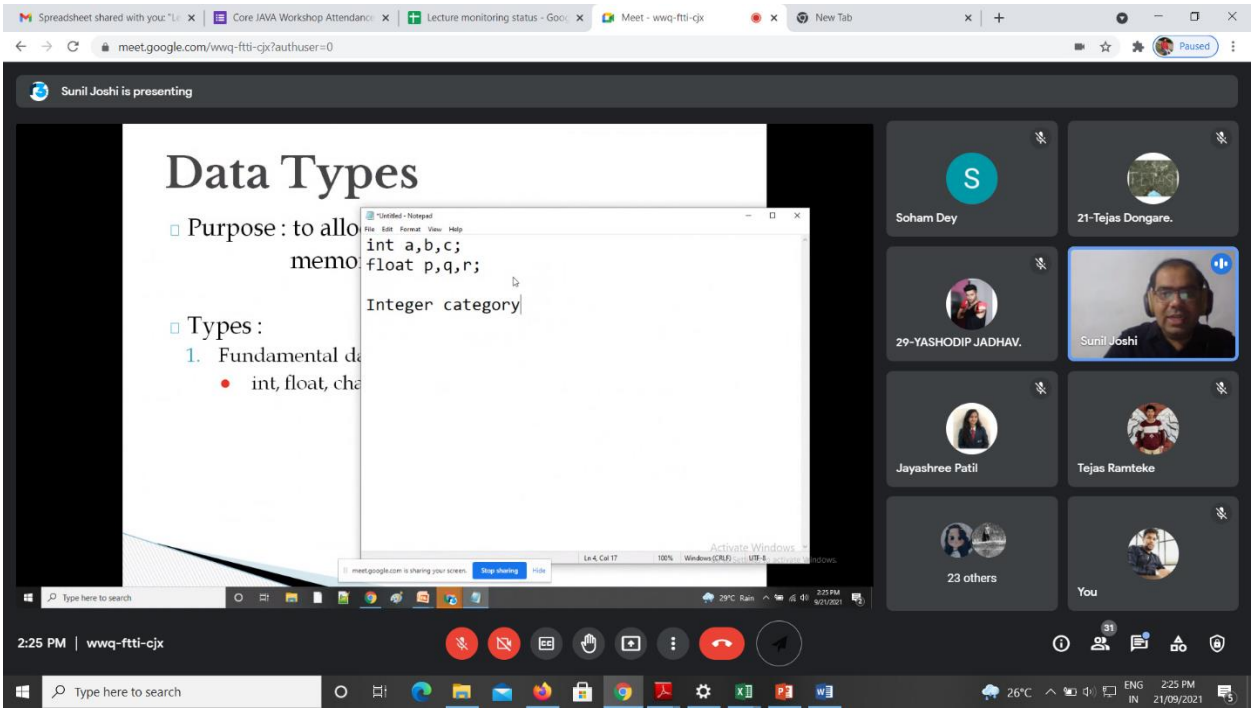
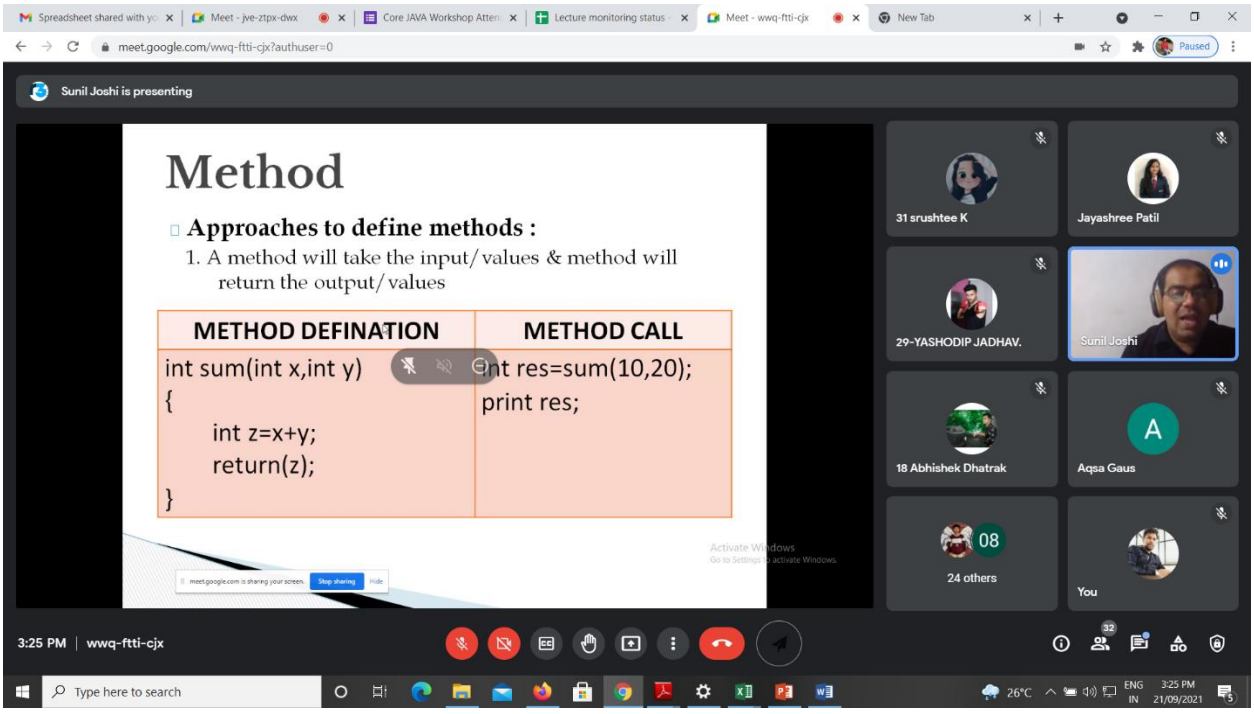
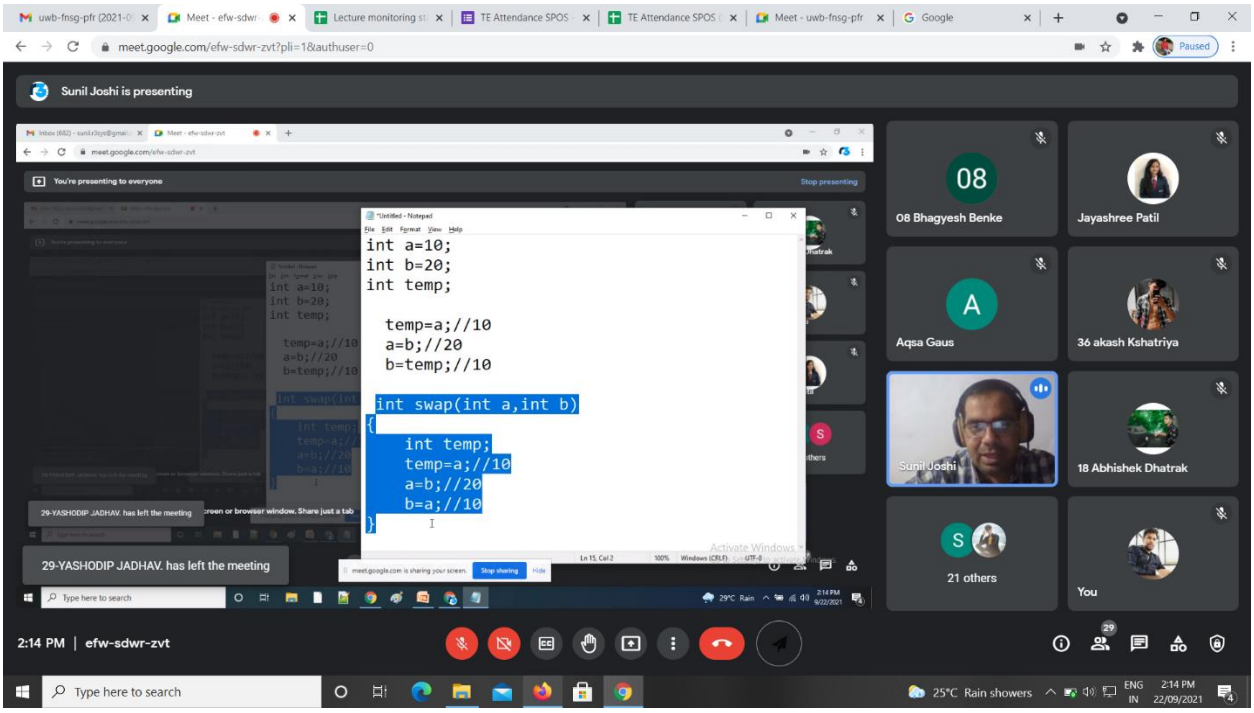




JAVA workshop : Day 3 22/09/2021


meet.google.com/efw-sdwr-zvt?pli=1&authuser=0
Sunil Joshi is presenting
You're presenting to everyone
Stop presenting
int a=10;
int b=20;
int temp;
temp=a;//10
a=b;//20
b=temp;//10
int swap(int a,int b)
{
int temp;
temp=a;//10
a=b;//20
b=a;//10
}
29-YASHODIP JADHAV. has left the meeting
08 Bhagyesh Benke
Jayashree Patil
Aqsa Gaus
36 akash Kshatriya
Sunil Joshi
18 Abhishek Dhatrak
21 others
You
2:14 PM | efw-sdwr-zvt
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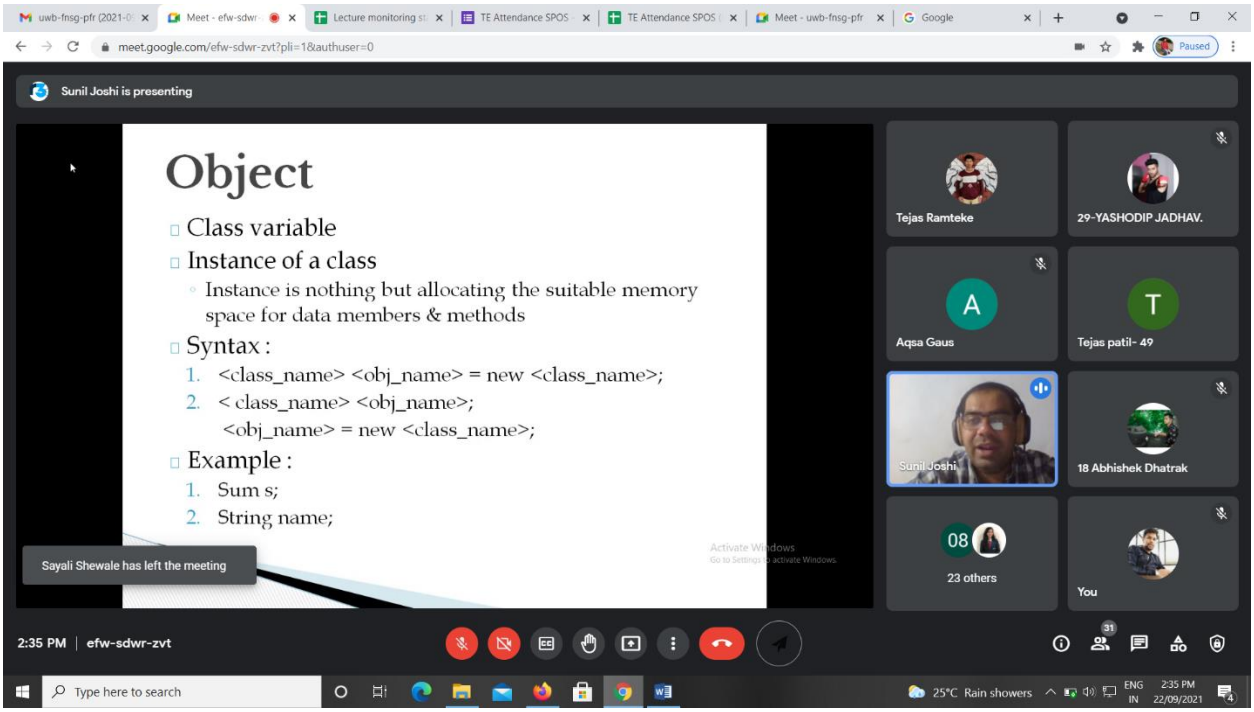
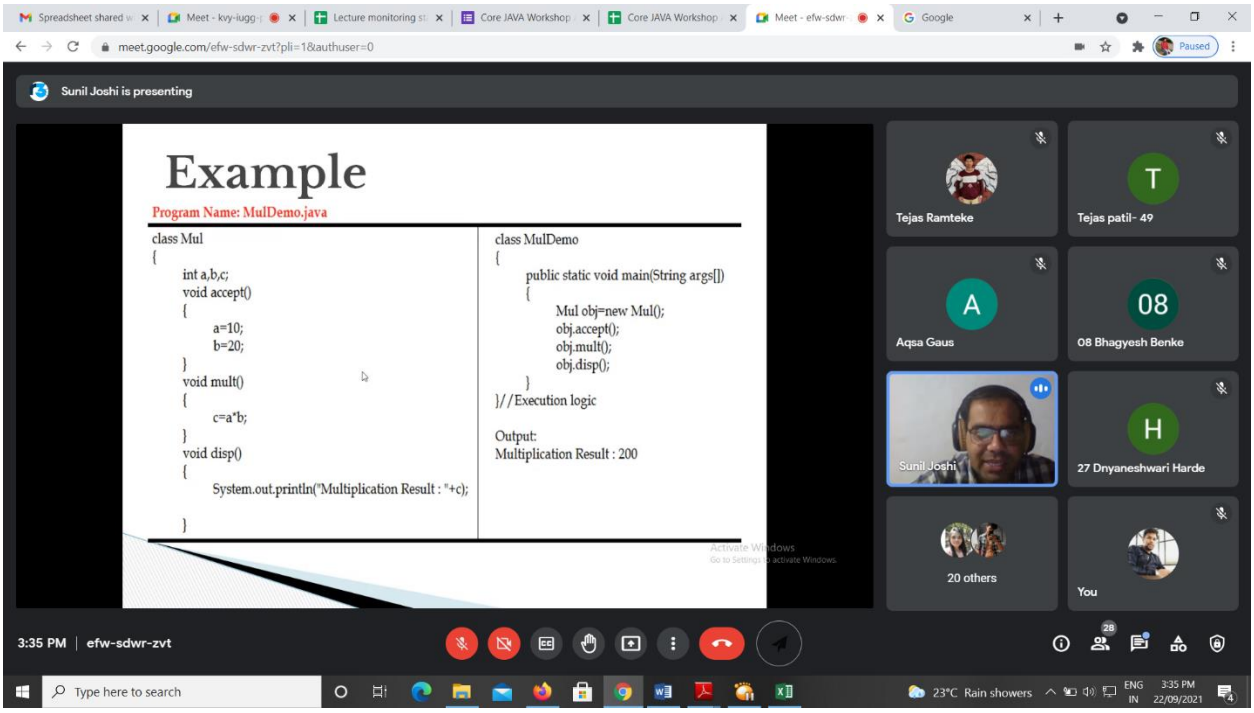
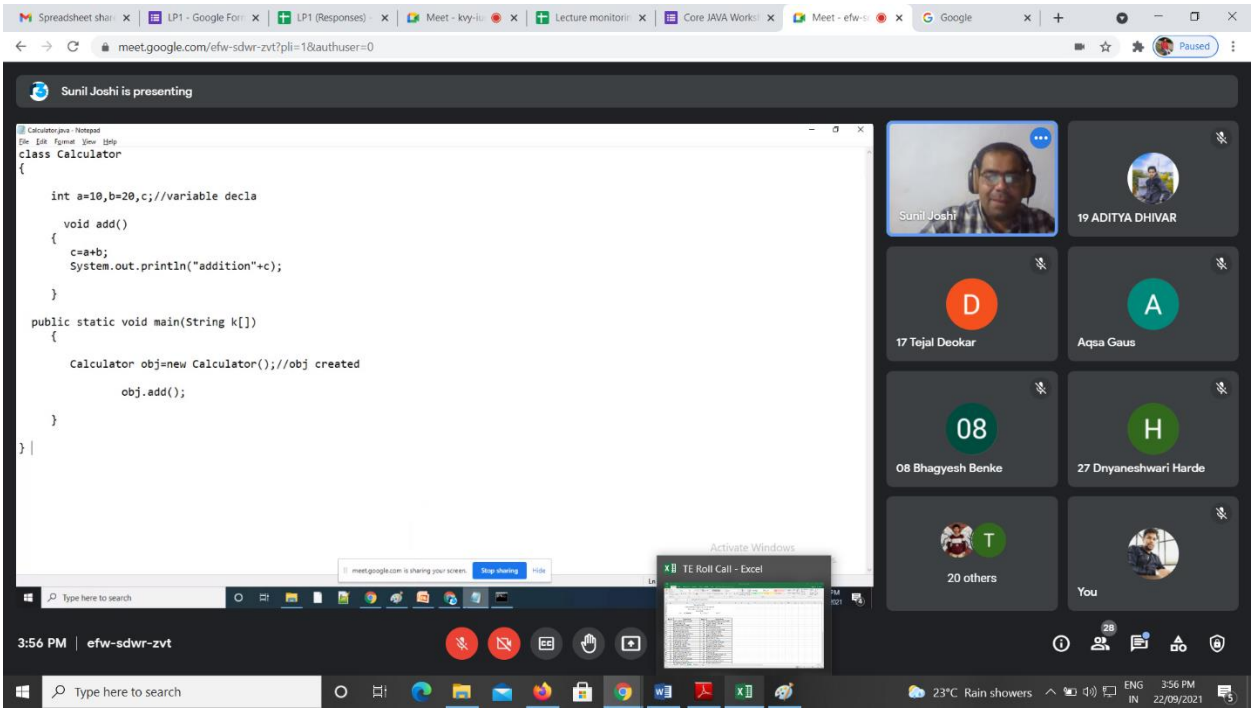
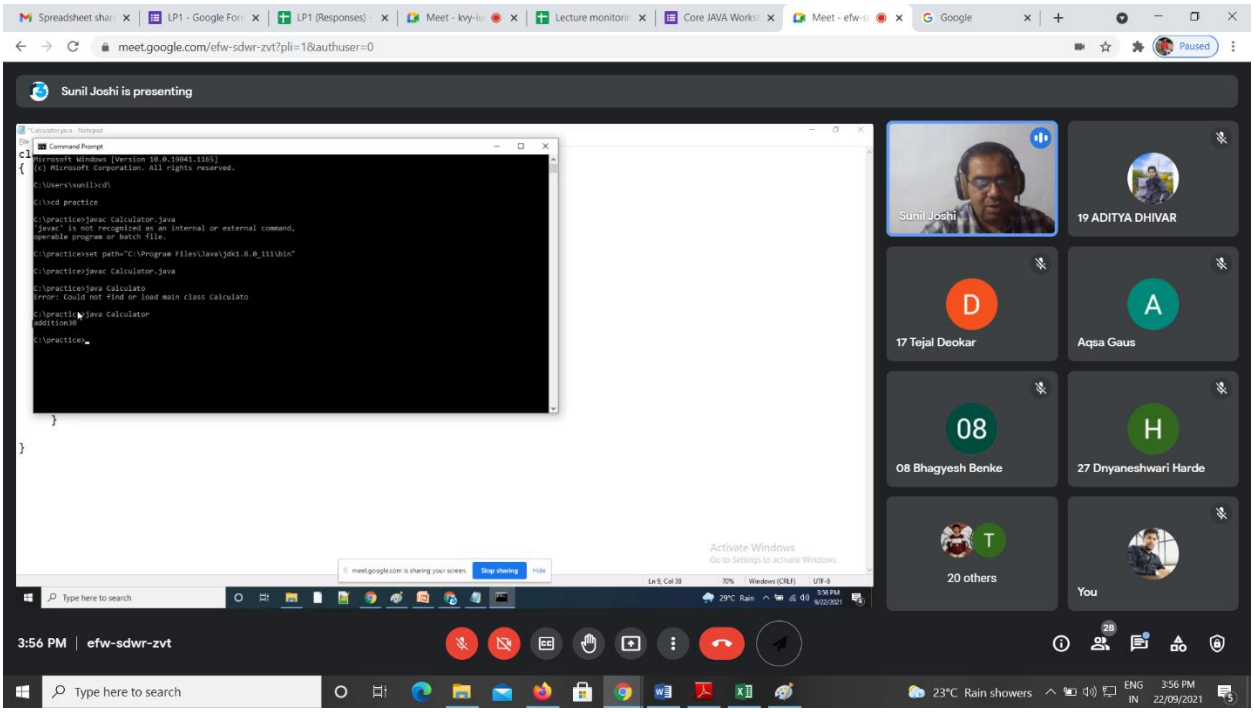
25°C Rain showers
ENG IN
2:14 PM 22/09/2021

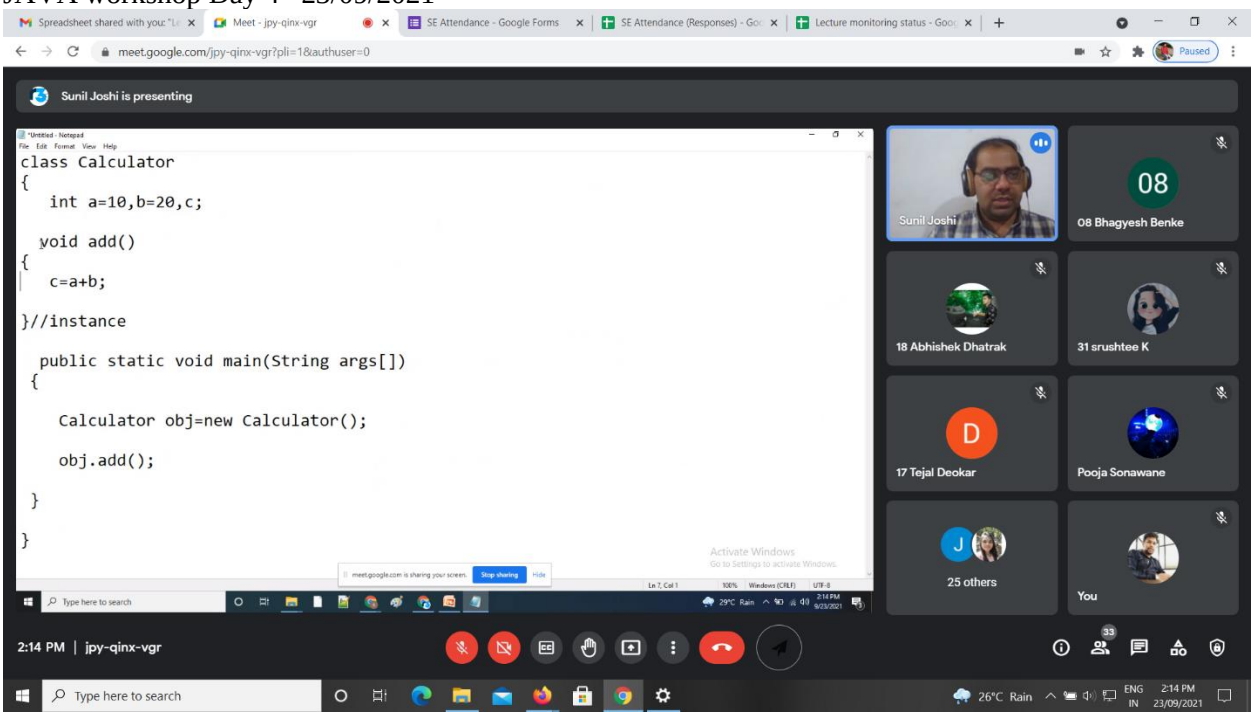

meet.google.com/efw-sdwr-zvt?pli=1&authuser=0
Sunil Joshi is presenting
Object
Class variable
Instance of a class
Instance is nothing but allocating the suitable memory space for data members & methods
Syntax :
1. <class_name> <obj_name> = new <class_name>;
2. < class_name> <obj_name>;
<obj_name> = new <class_name>;
Example :
1. Sum s;
2. String name;
Sayali Shewale has left the meeting
Tejas Ramteke
29-YASHODIP JADHAV.
Aqsa Gaus
Tejas patil- 49
Sunil Joshi
18 Abhishek Dhatrak
23 others
You
2:35 PM | efw-sdwr-zvt
Type here to search
25°C Rain showers
ENG IN
2:35 PM 22/09/2021

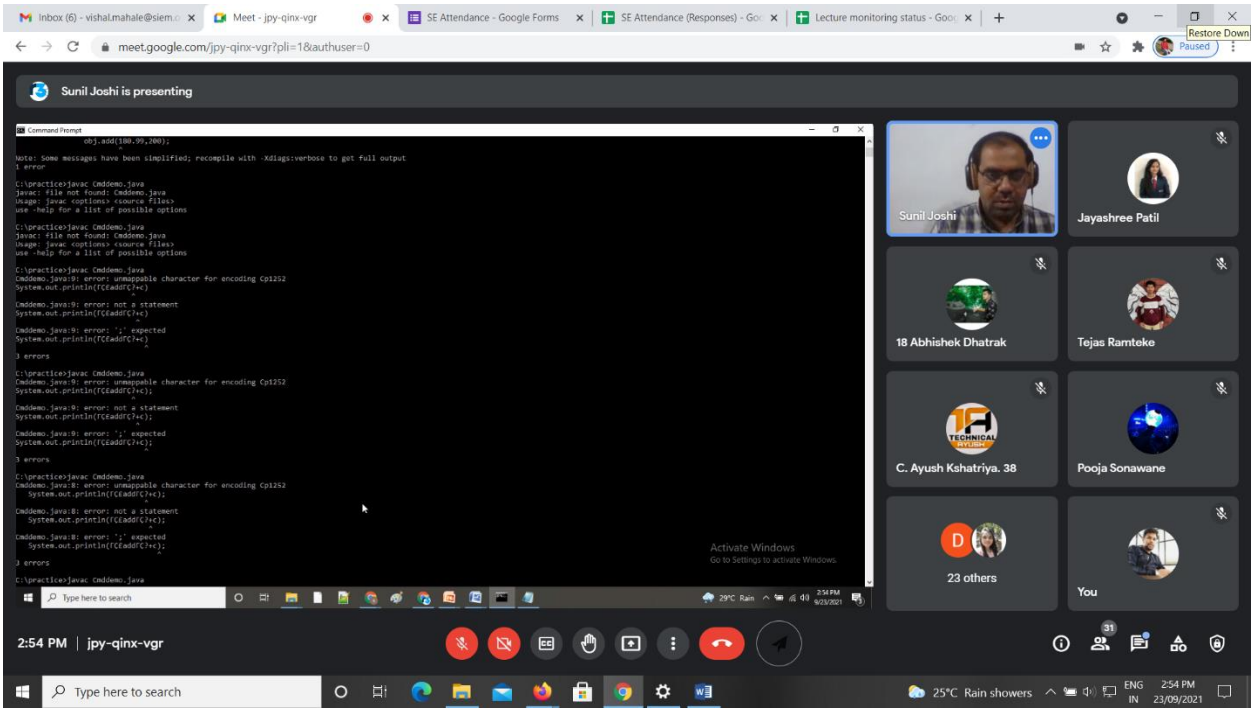

Sunil Joshi is presenting
Example
Program Name: MulDemo.java
class Mul
{
int a,b,c;
void accept()
{
a=10;
b=20;
}
void mult()
{
c=a*b;
}
void disp()
{
System.out.println("Multiplication Result : "+c);
}
class MulDemo
{
public static void main(String args[])
{
Mul obj=new Mul();
obj.accept();
obj.mult();
obj.disp();
}
}//Execution logic
Output:
Multiplication Result : 200
Tejas Ramteke
Tejas patil- 49
Aqsa Gaus
08 Bhagyesh Benke
Sunil Joshi
27 Dnyaneshwari Harde
20 others
You
3:35 PM | efw-sdwr-zvt

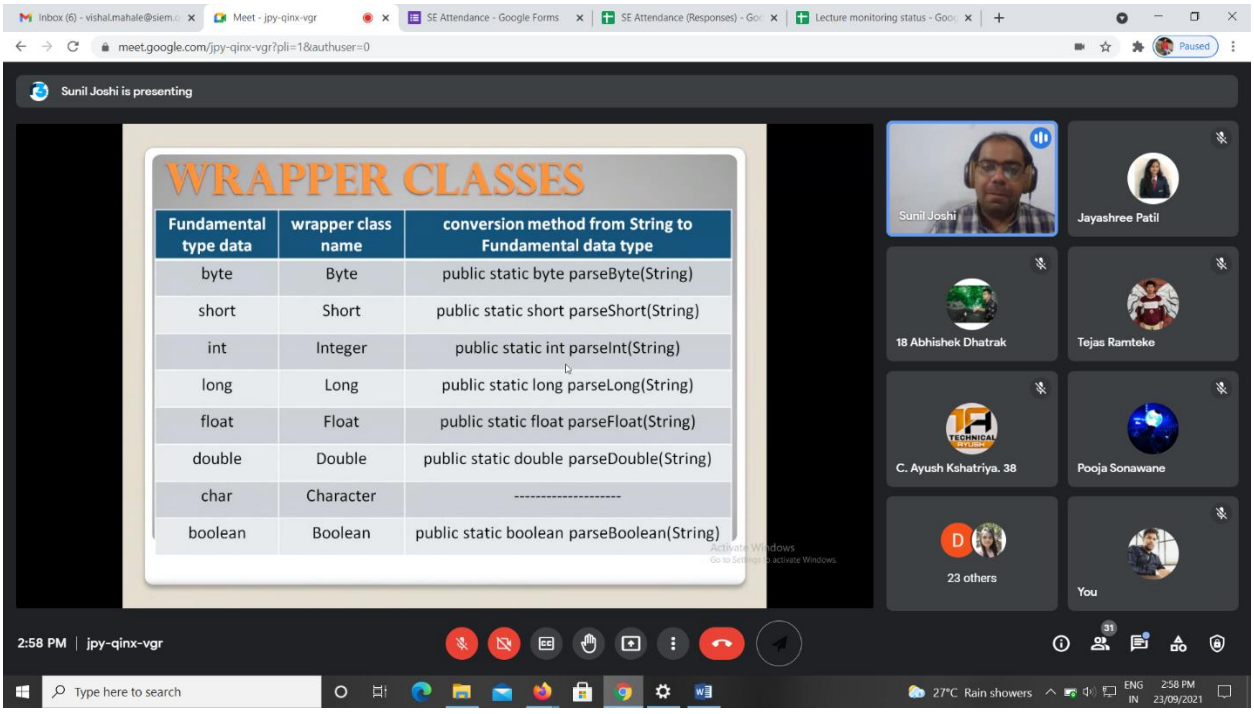

Sunil Joshi is presenting
class Calculator
{
int a=10,b=20,c;//variable decla
void add()
{
c=a+b;
System.out.println("addition"+c);
}
public static void main(String k[])
{
Calculator obj=new Calculator();//obj created
obj.add();
}
}
Sunil Joshi
19 ADITYA DHIVAR
17 Tejal Deokar
Aqsa Gaus
08 Bhagyesh Benke
27 Dnyaneshwari Harde
20 others
You
3:56 PM | efw-sdwr-zvt

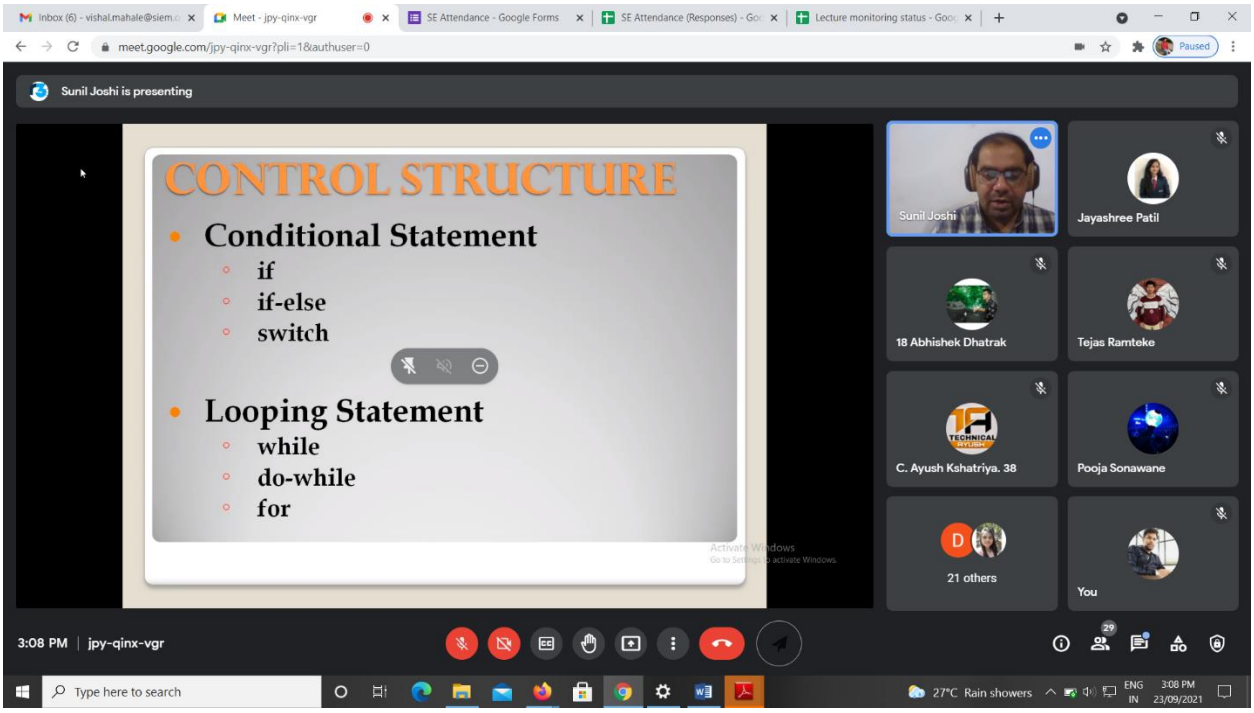


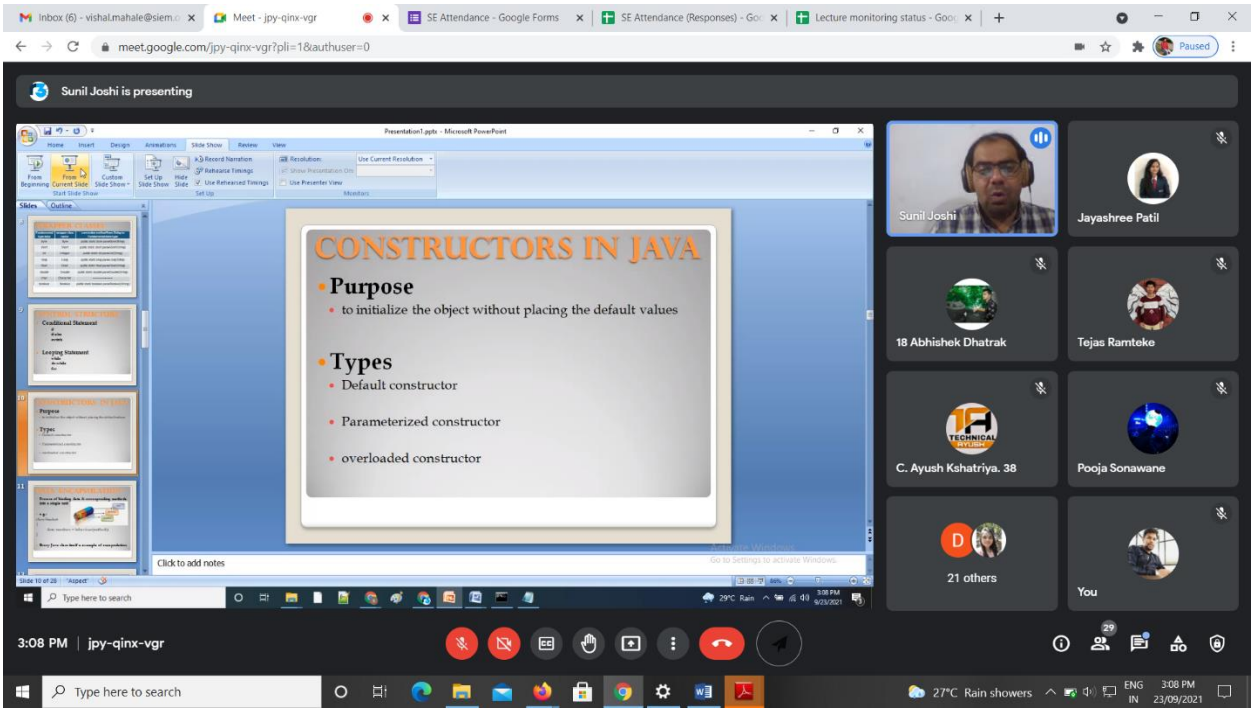
JAVA workshop Day 4 23/09/2021



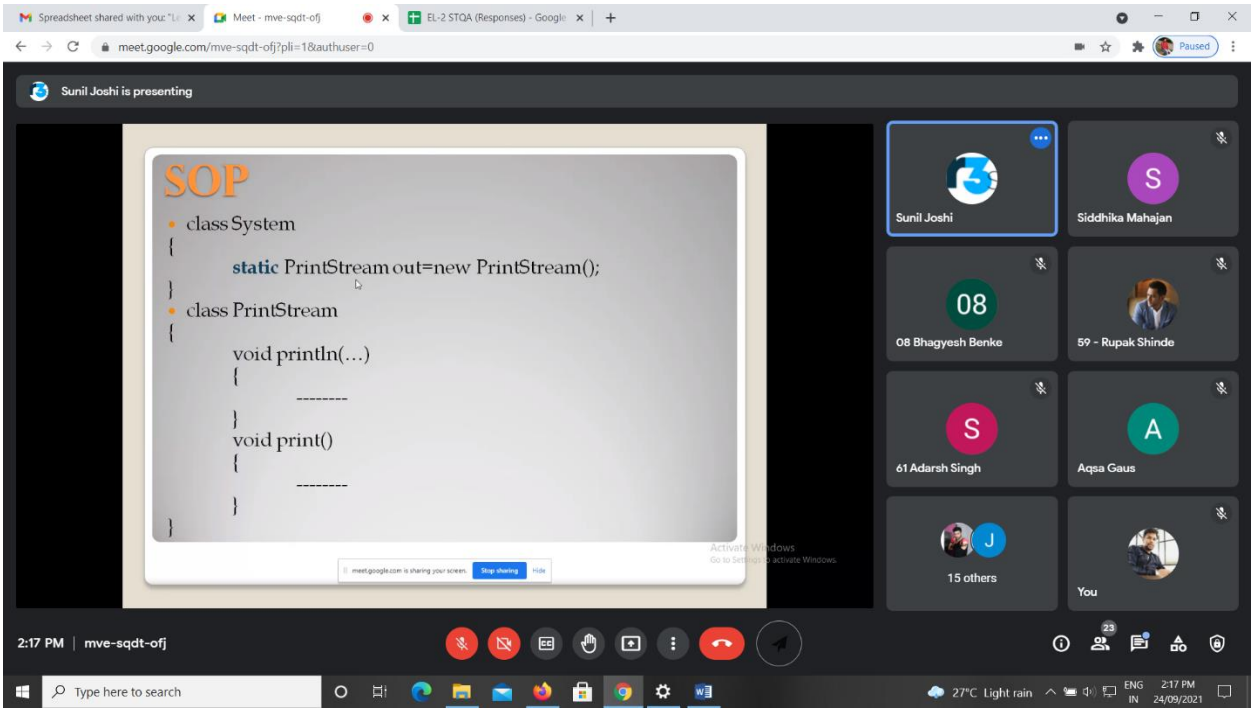

Sunil Joshi is presenting
Sunil Joshi
Jayashree Patil
18 Abhishek Dhatrak
Tejas Ramteke
C. Ayush Kshatriya. 38
Pooja Sonawane
23 others
You
2:54 PM | jpy-qinx-vgr


Sunil Joshi is presenting
WRAPPER CLASSES
Fundamental type data | wrapper class name | conversion method from String to Fundamental data type
byte | Byte | public static byte parseByte(String)
short | Short | public static short parseShort(String)
int | Integer | public static int parseInt(String)
long | Long | public static long parseLong(String)
float | Float | public static float parseFloat(String)
double | Double | public static double parseDouble(String)
char | Character | ----------
boolean | Boolean | public static boolean parseBoolean(String)
Sunil Joshi
Jayashree Patil
18 Abhishek Dhatrak
Tejas Ramteke
C. Ayush Kshatriya. 38
Pooja Sonawane
23 others
You
2:58 PM | jpy-qinx-vgr



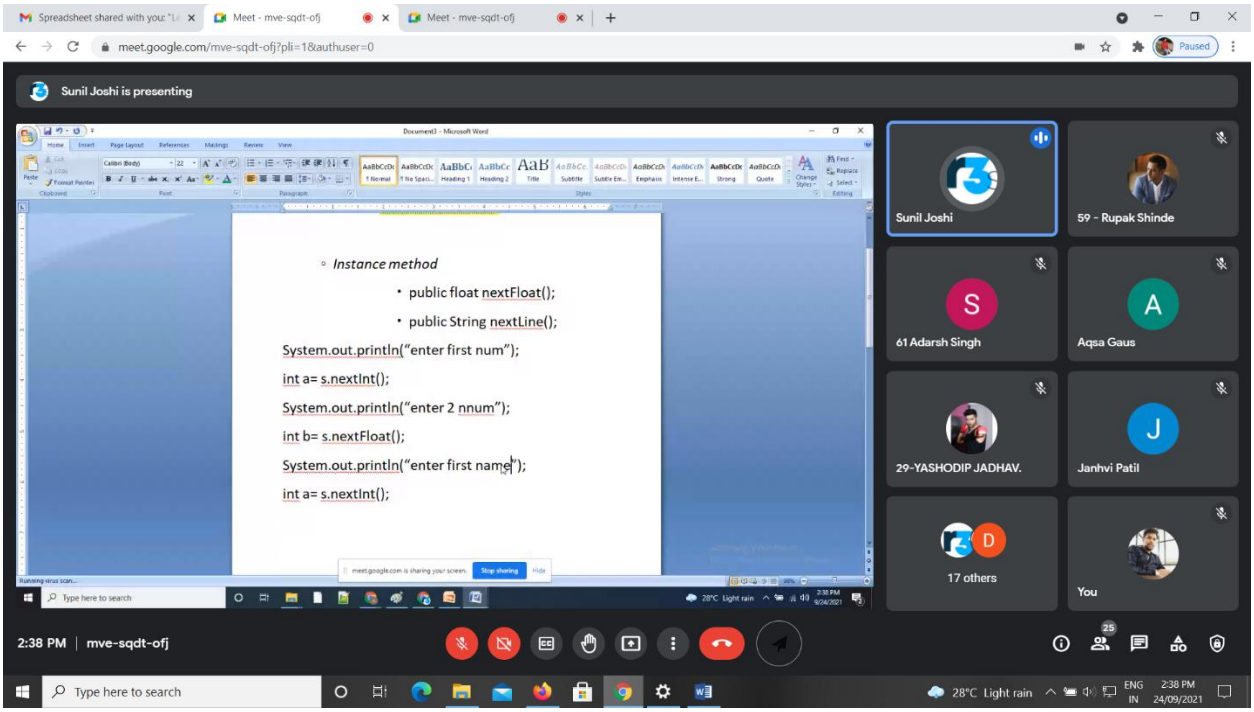


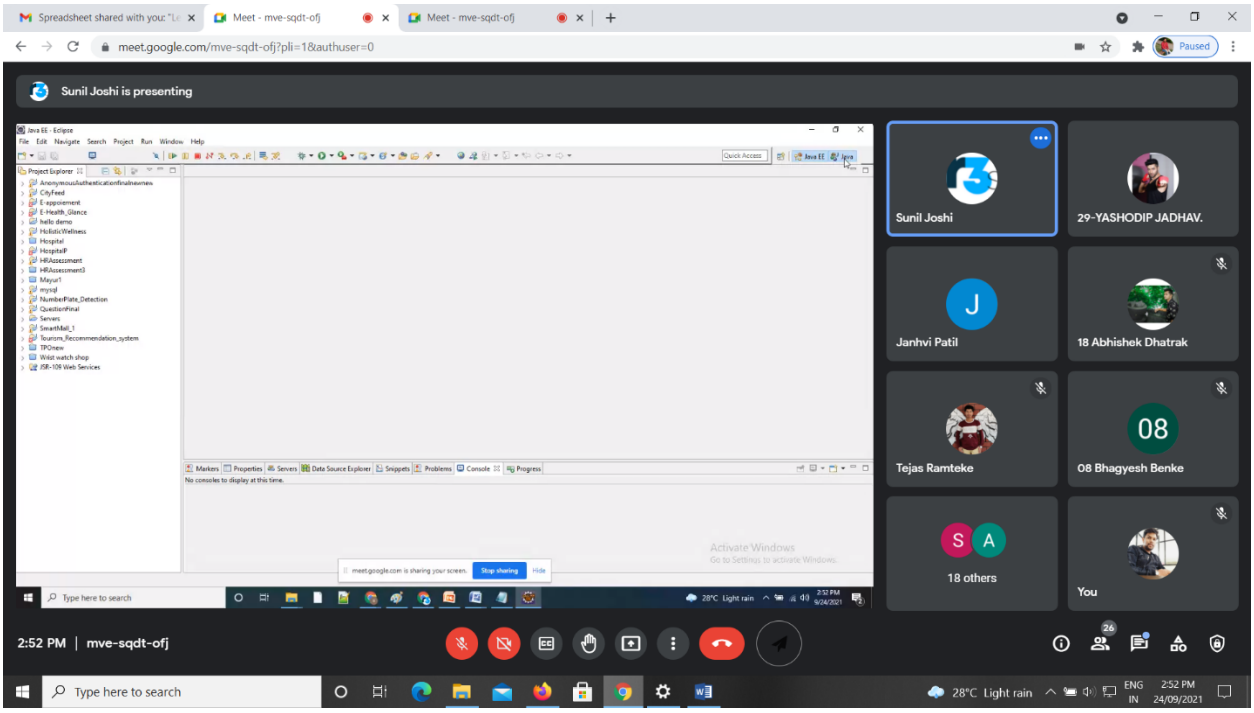
JAVA workshop DAY 5 24/09/2021


Sunil Joshi is presenting
SOP
class System
{
static PrintStream out=new PrintStream();
}
class PrintStream
{
void println(...)
{

}
void print()
{

}
}
Sunil Joshi
Siddhika Mahajan
08 Bhagyesh Benke
59 - Rupak Shinde
61 Adarsh Singh
Aqsa Gaus
15 others
You
2:17 PM | mve-sqdt-ofj


Sunil Joshi is presenting
Instance method
public float nextFloat();
public String nextLine();
System.out.println("enter first num");
int a= s.nextInt();
System.out.println("enter 2 nnum");
int b= s.nextFloat();
System.out.println("enter first name");
int a= s.nextInt();
Sunil Joshi
59 - Rupak Shinde
61 Adarsh Singh
Aqsa Gaus
29-YASHODIP JADHAV.
Janhvi Patil
17 others
You
2:38 PM | mve-sqdt-ofj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Sunil Joshi is presenting
Sunil Joshi
29-YASHODIP JADHAV.
Janhvi Patil
18 Abhishek Dhatrak
Tejas Ramteke
08 Bhagyesh Benke
18 others
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2:52 PM | mve-sqdt-ofj
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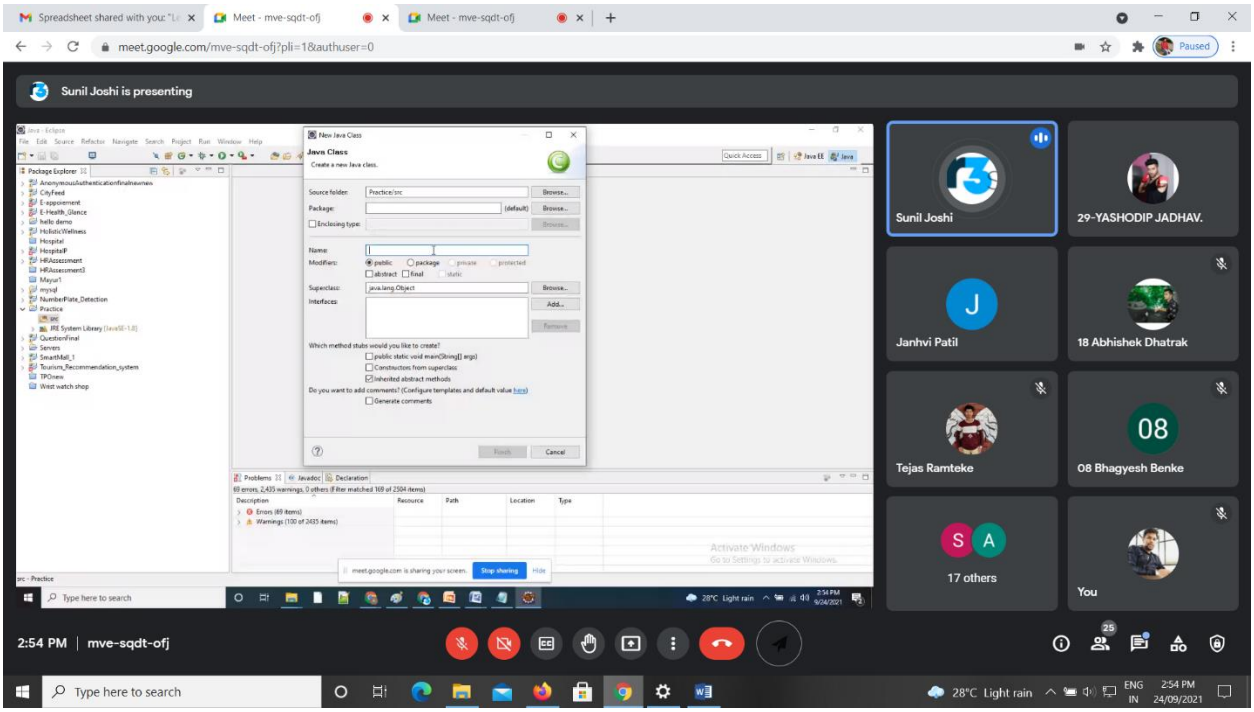
24/09/2021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Sunil Joshi is presenting
Sunil Joshi
29-YASHODIP JADHAV.
Janhvi Patil
18 Abhishek Dhatrak
Tejas Ramteke
08 Bhagyesh Benke
17 others
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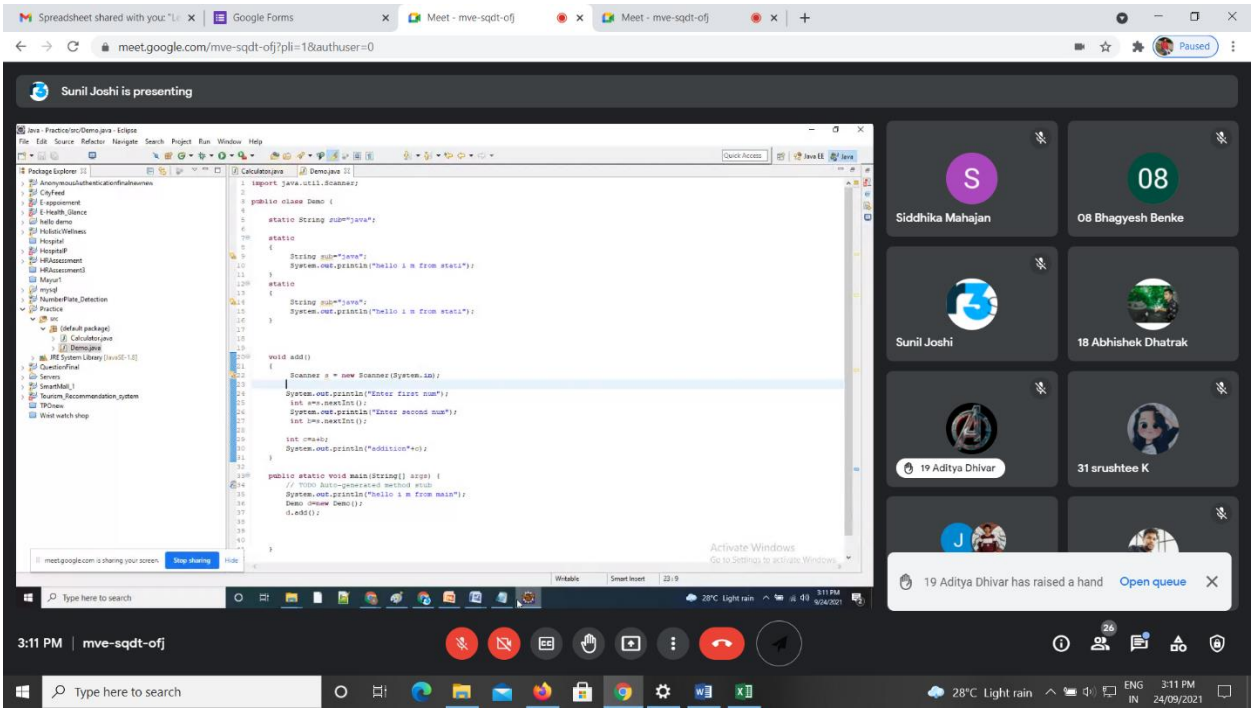
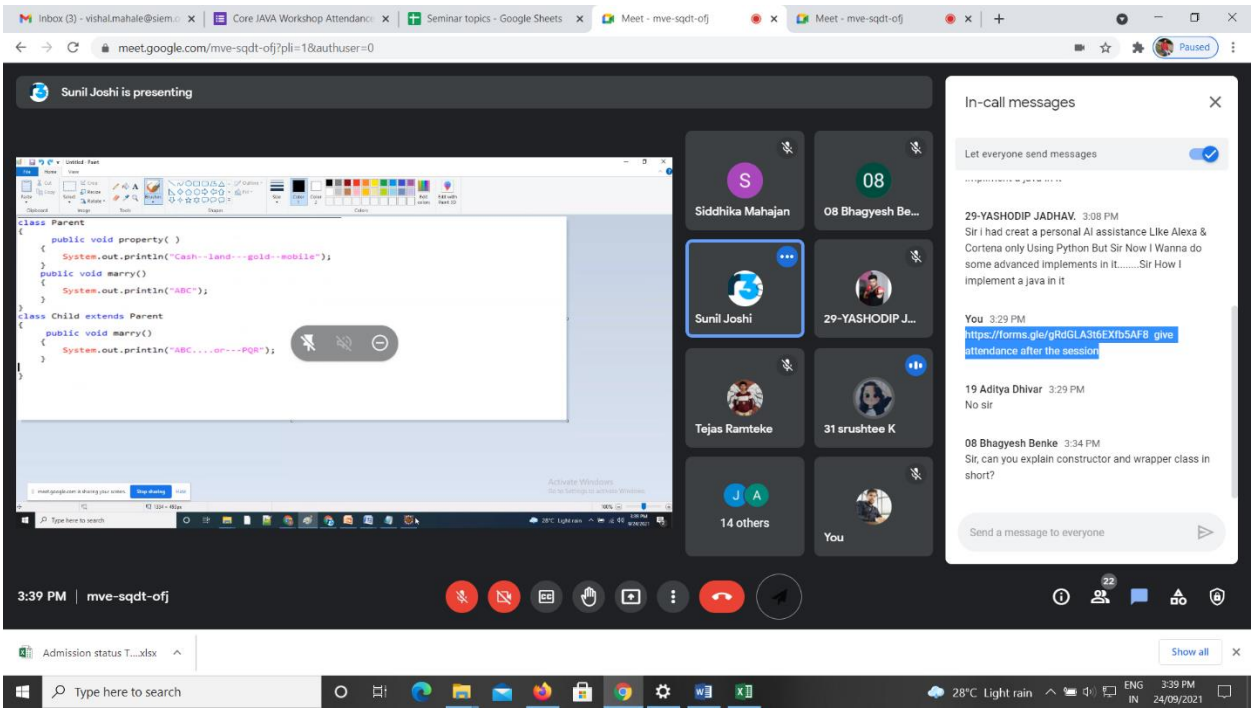
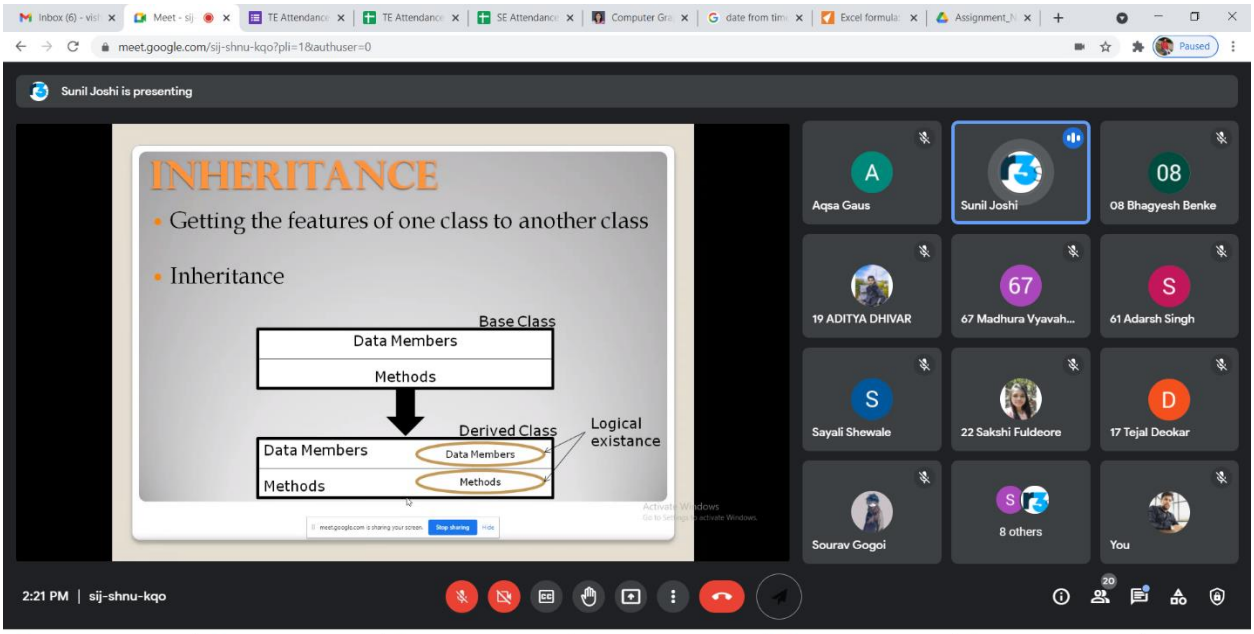
24/09/2021





JAVA workshop Day 6 25/09/2021


meet.google.com/sij-shnu-kqo?pli=1&authuser=0
Sunil Joshi is presenting
INHERITANCE
Getting the features of one class to another class
Inheritance
Base Class
Data Members
Methods
Derived Class
Logical existance
Data Members
Methods
Aqsa Gaus
Sunil Joshi
08 Bhagyesh Benke
19 ADITYA DHIVAR
67 Madhura Vyavah...
61 Adarsh Singh
Sayali Shewale
22 Sakshi Fuldeore
17 Tejal Deokar
Sourav Gogoi
8 others
You
2:21 PM | sij-shnu-kqo
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gera2021.pdf
Research paper.pdf
bragilevsky2020.pdf
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Assignment_No_2_....pdf
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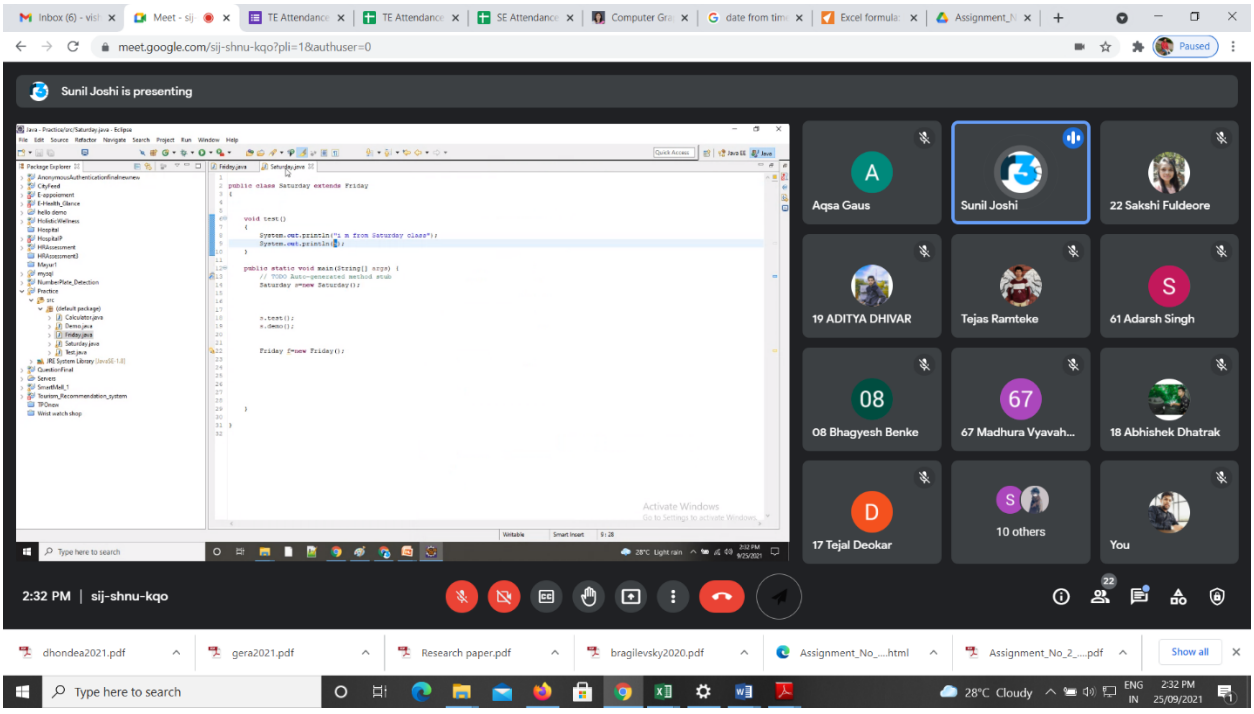
meet.google.com/sij-shnu-kqo?pli=1&authuser=0
Sunil Joshi is presenting
Aqsa Gaus
Sunil Joshi
22 Sakshi Fuldeore
19 ADITYA DHIVAR
Tejas Ramteke
61 Adarsh Singh
08 Bhagyesh Benke
67 Madhura Vyavah...
18 Abhishek Dhatrak
17 Tejal Deokar
10 others
You
2:32 PM | sij-shnu-kqo
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gera2021.pdf
Research paper.pdf
bragilevsky2020.pdf
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Assignment_No_2_....pdf
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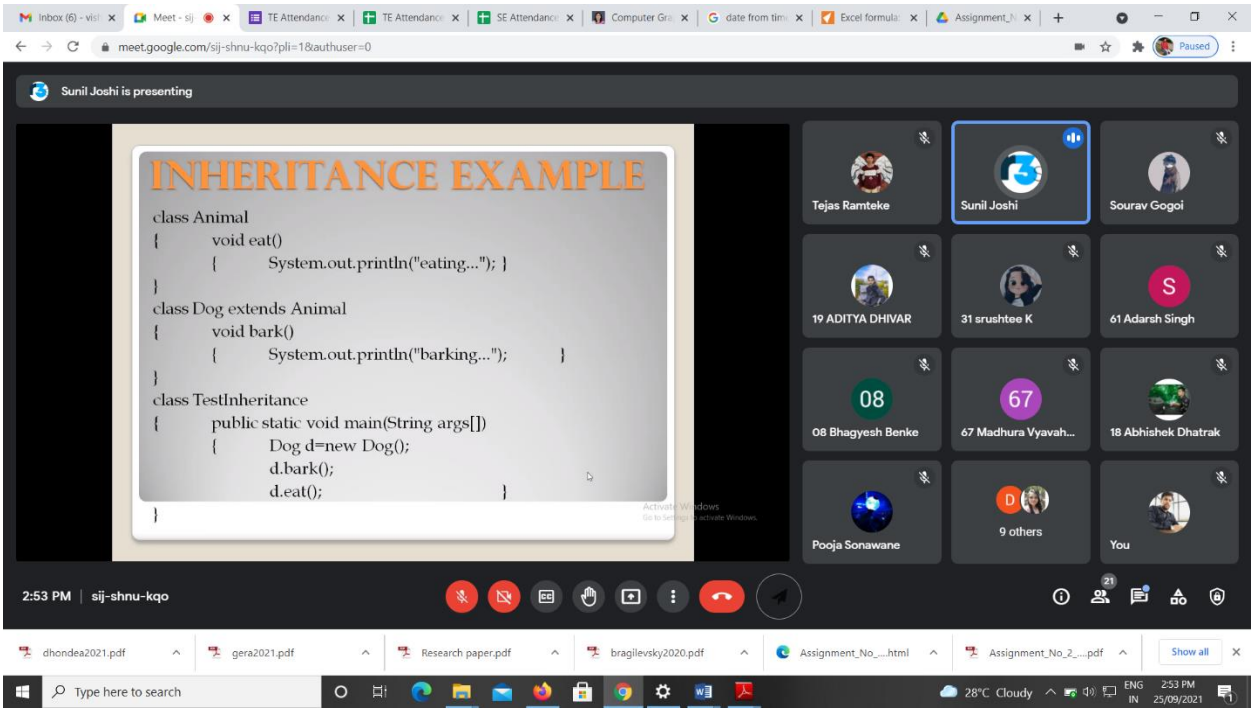
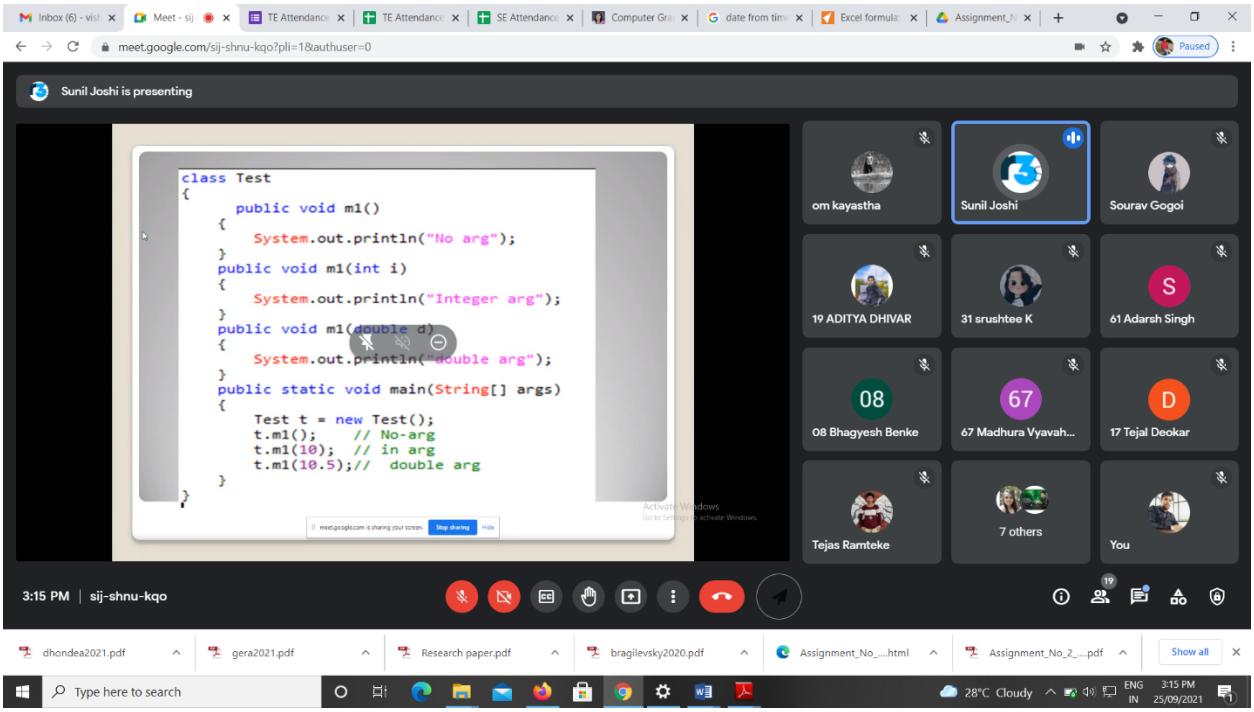
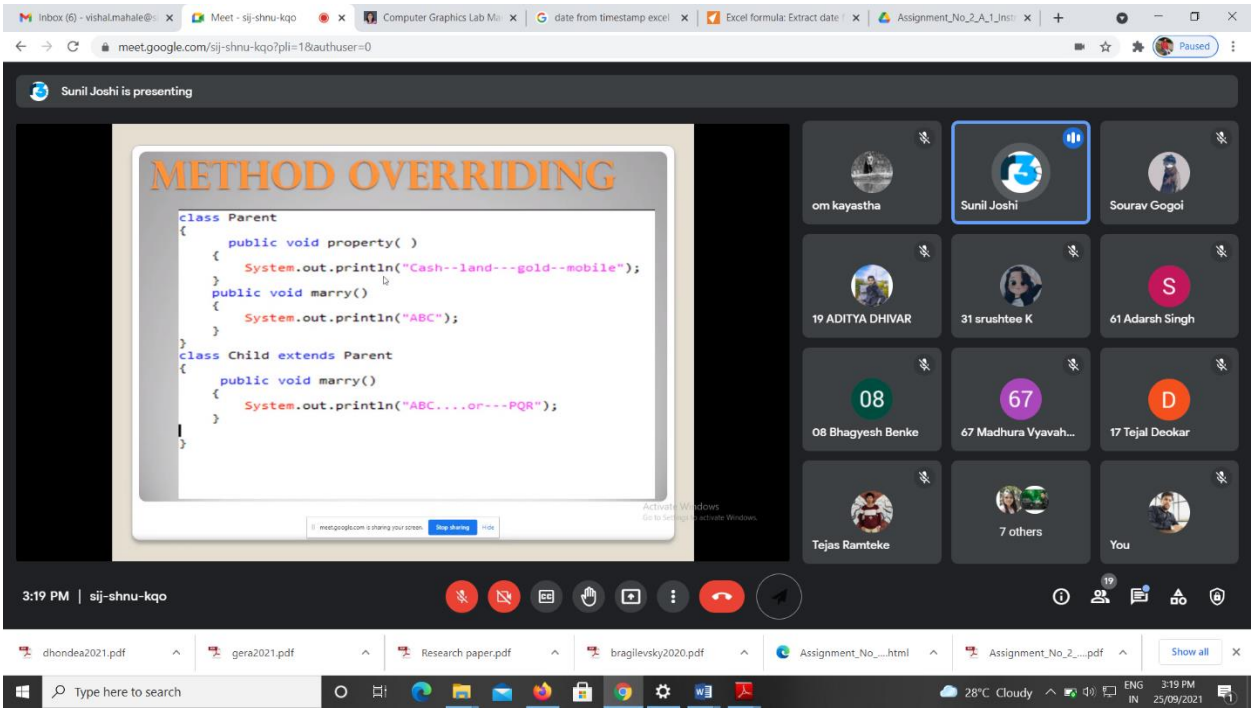
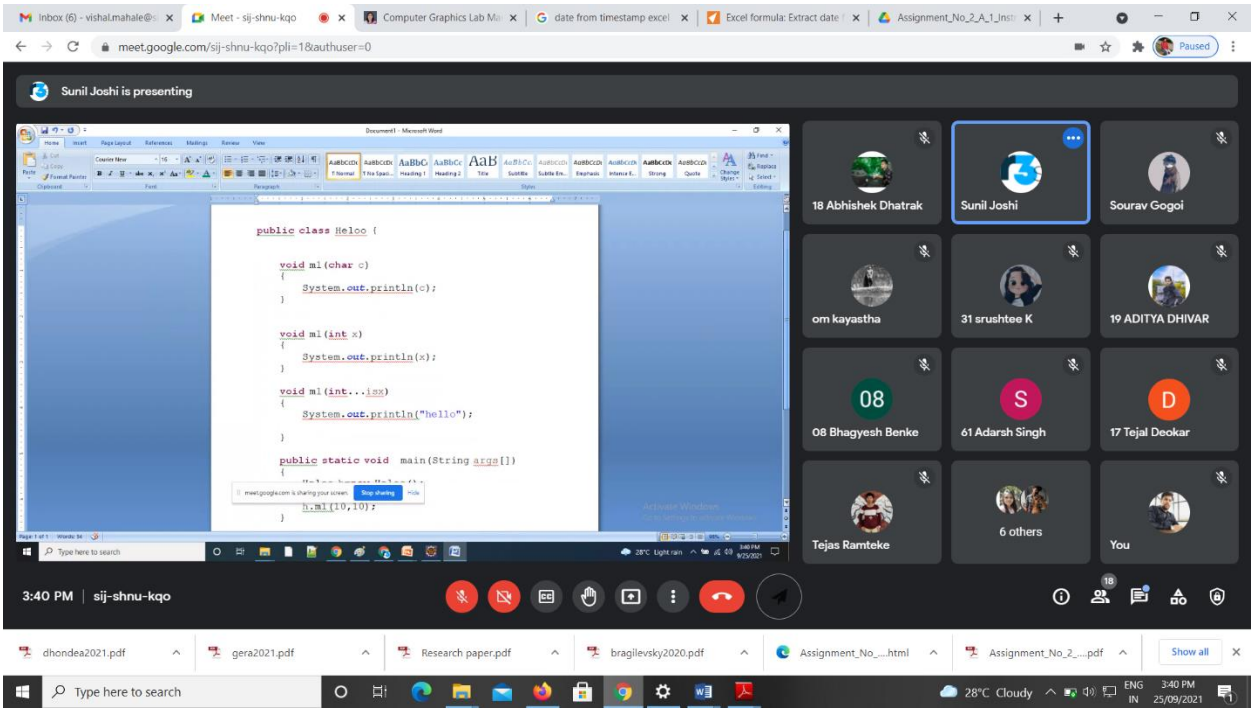
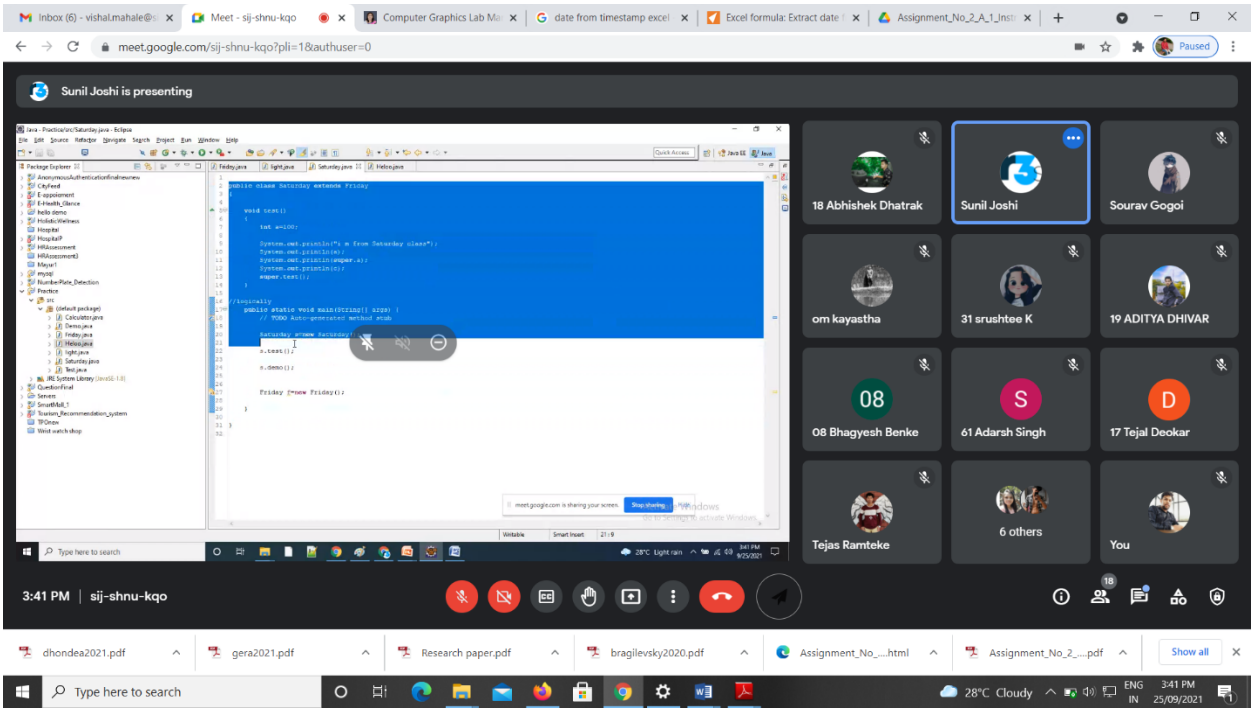


METHOD OVERLOADING

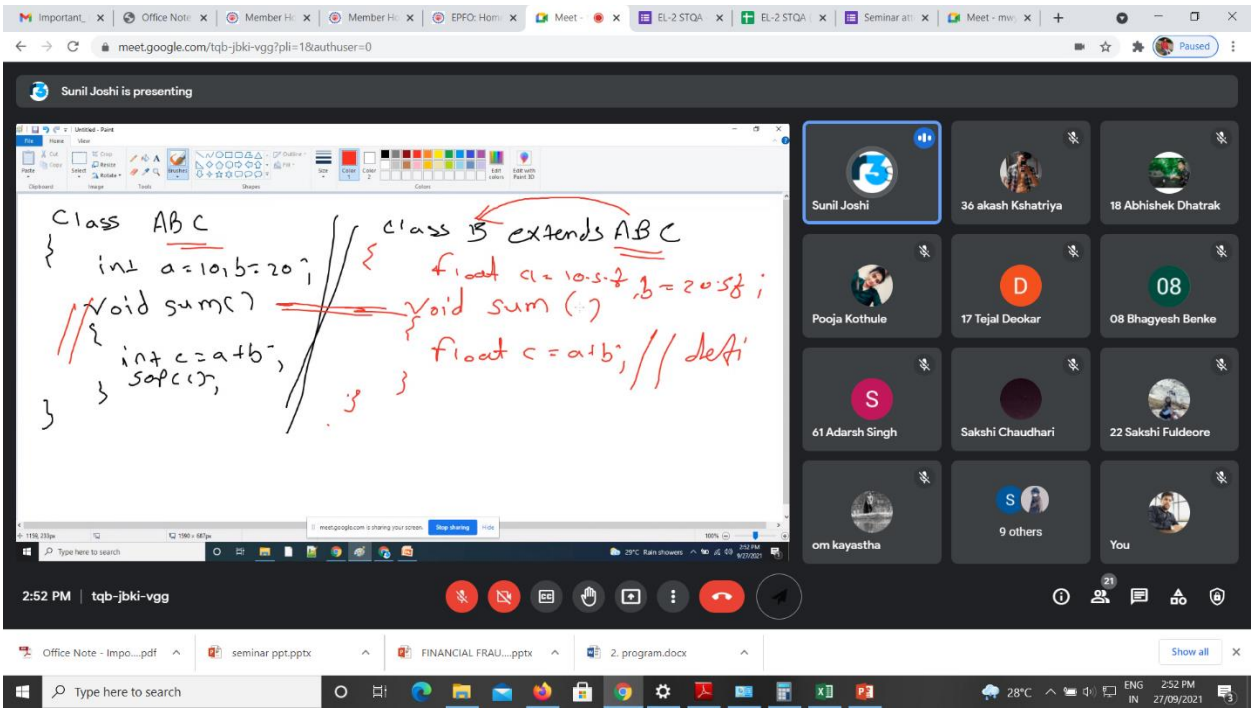


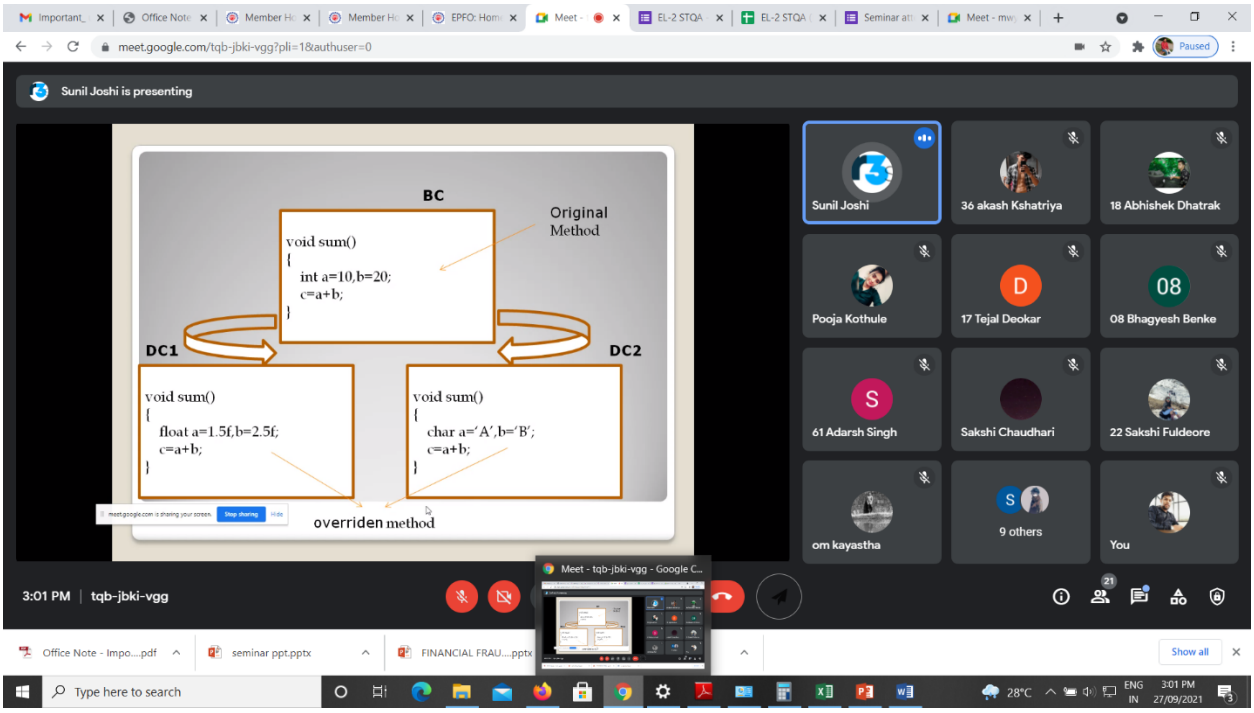

Sunil Joshi is presenting
METHOD OVERRIDING
class Parent
{
public void property( )
{
System.out.println("Cash--land---gold--mobile");
}
public void marry()
{
System.out.println("ABC");
}
}
class Child extends Parent
{
public void marry()
{
System.out.println("ABC....or---PQR");
}
}
om kayastha
Sunil Joshi
Sourav Gogoi
19 ADITYA DHIVAR
31 srushtee K
61 Adarsh Singh
08 Bhagyesh Benke
67 Madhura Vyavah...
17 Tejal Deokar
Tejas Ramteke
7 others
You
3:19 PM | sij-shnu-kqo


Sunil Joshi is presenting
public class Heloo {
void ml(char c)
{
System.out.println(c);
}
void ml(int x)
{
System.out.println(x);
}
void ml(int...isx)
{
System.out.println("hello");
}
public static void main(String args[])
{
h.ml(10,10);
}
}
18 Abhishek Dhatrak
Sunil Joshi
Sourav Gogoi
om kayastha
31 srushtee K
19 ADITYA DHIVAR
08 Bhagyesh Benke
61 Adarsh Singh
17 Tejal Deokar
Tejas Ramteke
6 others
You
3:40 PM | sij-shnu-kqo



JAVA workshop day 7 27/09/2021




meet.google.com/tqb-jbki-vgg?pli=1&authuser=0
Sunil Joshi is presenting
BC
Original Method
void sum()
{
int a=10,b=20;
c=a+b;
}
DC1
DC2
void sum()
{
float a=1.5f,b=2.5f;
c=a+b;
}
void sum()
{
char a='A',b='B';
c=a+b;
}
overriden method
Sunil Joshi
36 akash Kshatriya
18 Abhishek Dhatrak
Pooja Kothule
17 Tejal Deokar
08 Bhagyesh Benke
61 Adarsh Singh
Sakshi Chaudhari
22 Sakshi Fuldeore
om kayastha
9 others
You
3:01 PM | tqb-jbki-vgg
Meet - tqb-jbki-vgg - Google C...
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seminar ppt.pptx
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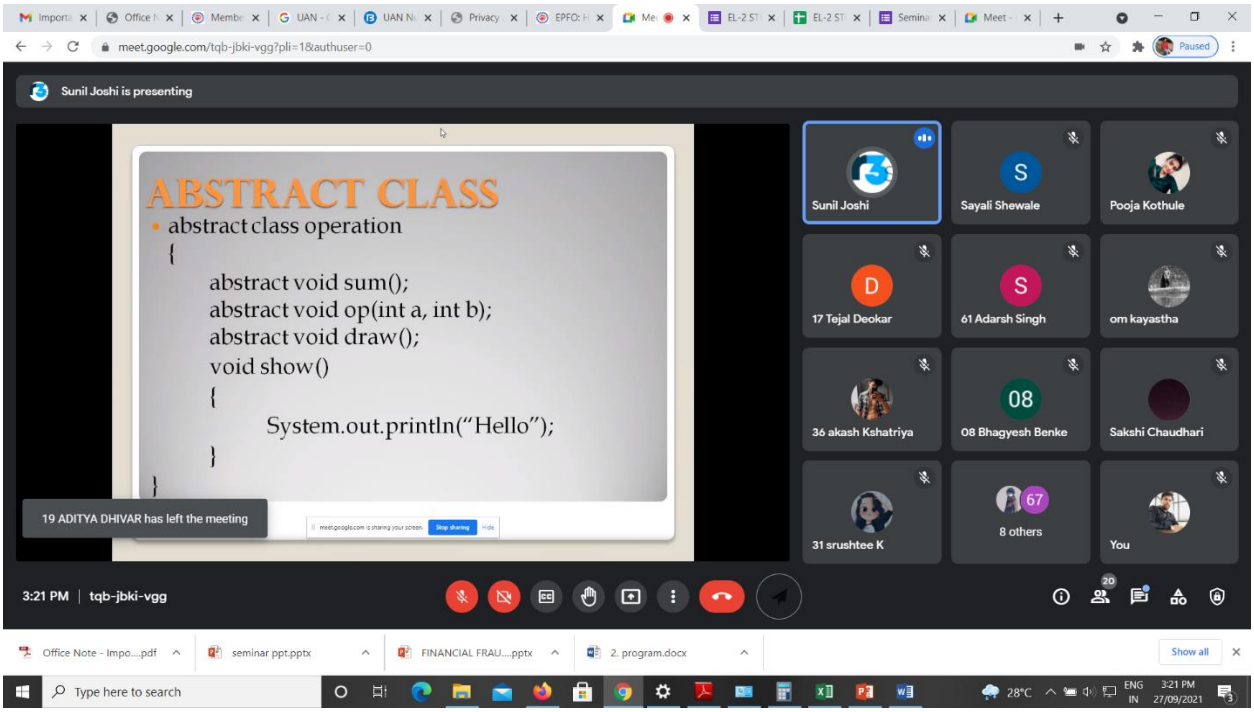
meet.google.com/tqb-jbki-vgg?pli=1&authuser=0
Sunil Joshi is presenting
ABSTRACT CLASS
abstract class operation
{
abstract void sum();
abstract void op(int a, int b);
abstract void draw();
void show()
{
System.out.println("Hello");
}
}
19 ADITYA DHIVAR has left the meeting
Sunil Joshi
Sayali Shewale
Pooja Kothule
17 Tejal Deokar
61 Adarsh Singh
om kayastha
36 akash Kshatriya
08 Bhagyesh Benke
Sakshi Chaudhari
31 srushtee K
8 others
You
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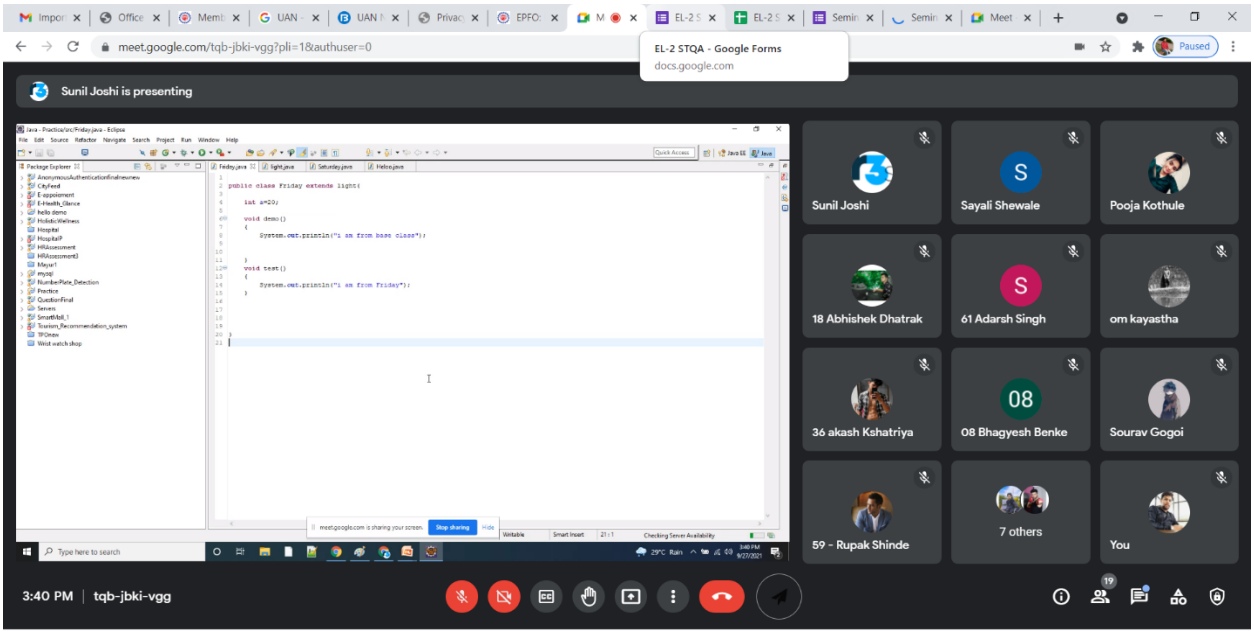
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EL-2 STQA - Google Forms
docs.google.com
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Sunil Joshi is presenting
Sunil Joshi
Sayali Shewale
Pooja Kothule
18 Abhishek Dhatrak
61 Adarsh Singh
om kayastha
36 akash Kshatriya
08 Bhagyesh Benke
Sourav Gogoi
59 - Rupak Shinde
7 others
You
3:40 PM | tqb-jbki-vgg
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seminar ppt.pptx
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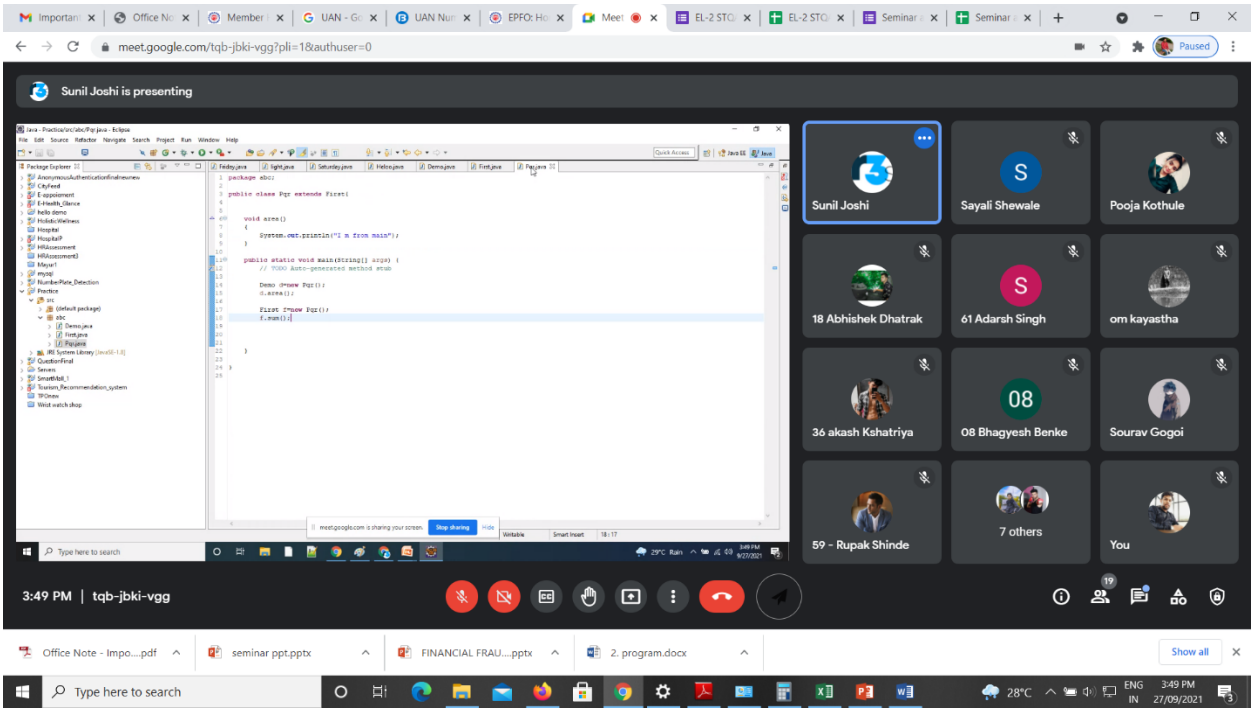
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Sunil Joshi is presenting
Sunil Joshi
Sayali Shewale
Pooja Kothule
18 Abhishek Dhatrak
61 Adarsh Singh
om kayastha
36 akash Kshatriya
08 Bhagyesh Benke
Sourav Gogoi
59 - Rupak Shinde
7 others
You
3:49 PM | tqb-jbki-vgg
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seminar ppt.pptx
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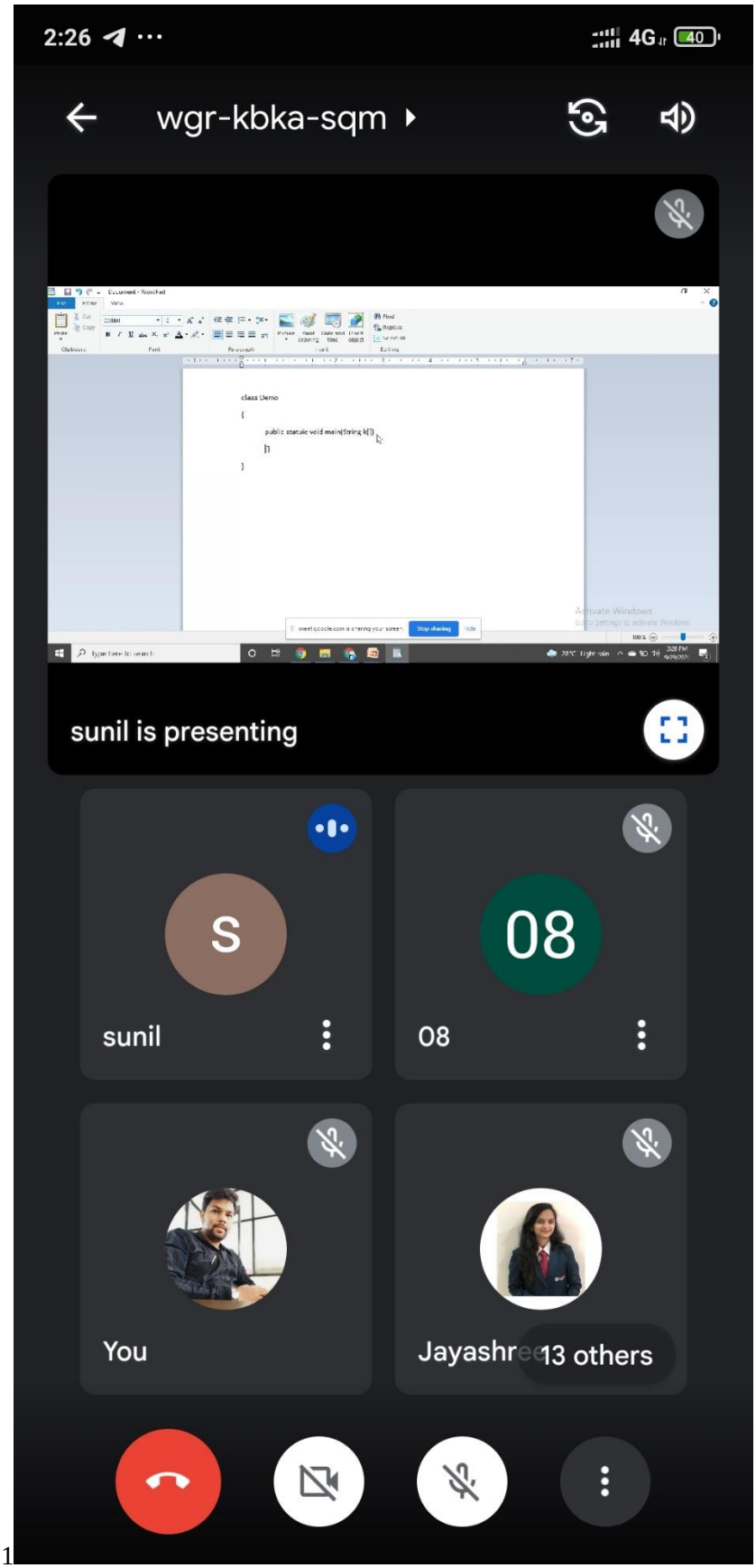
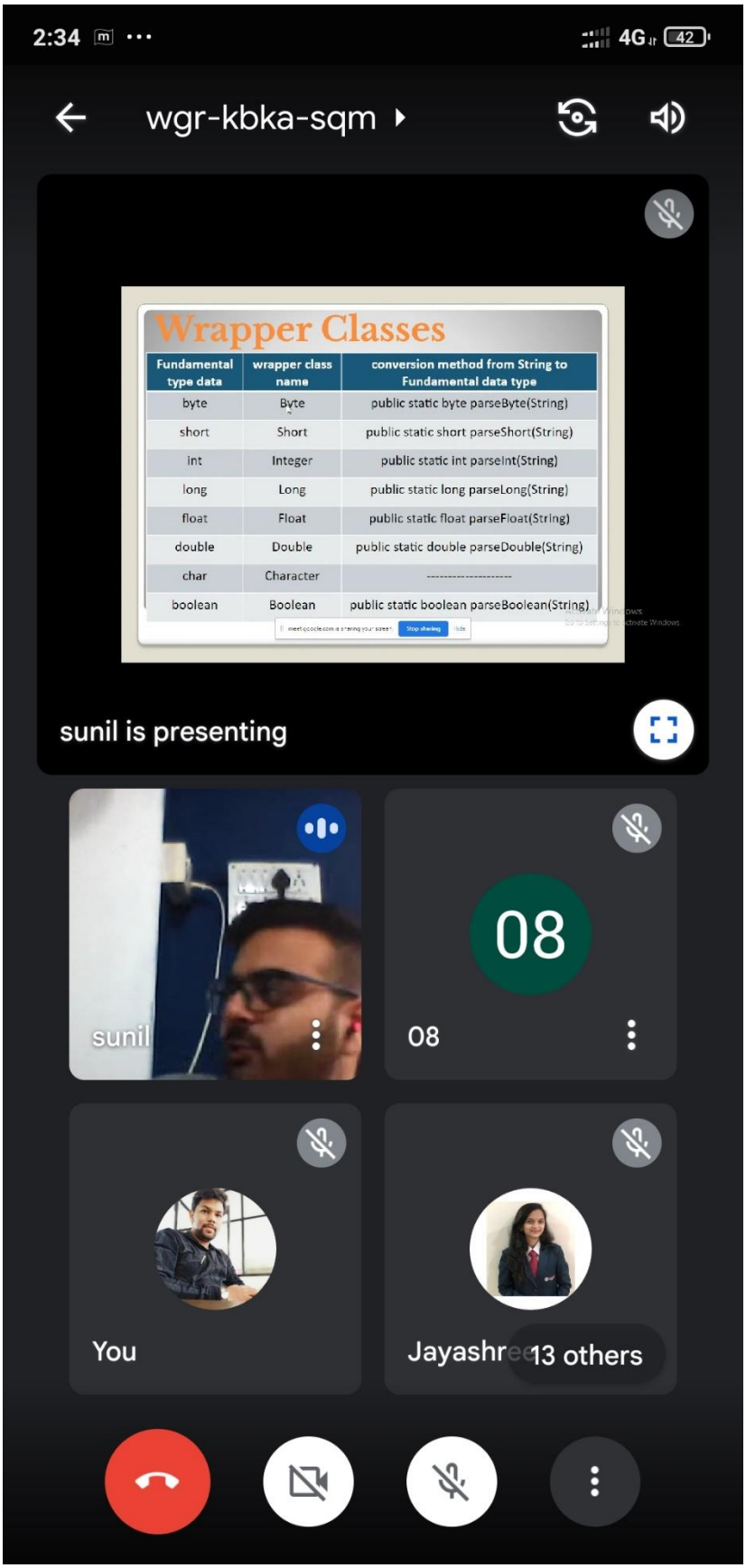
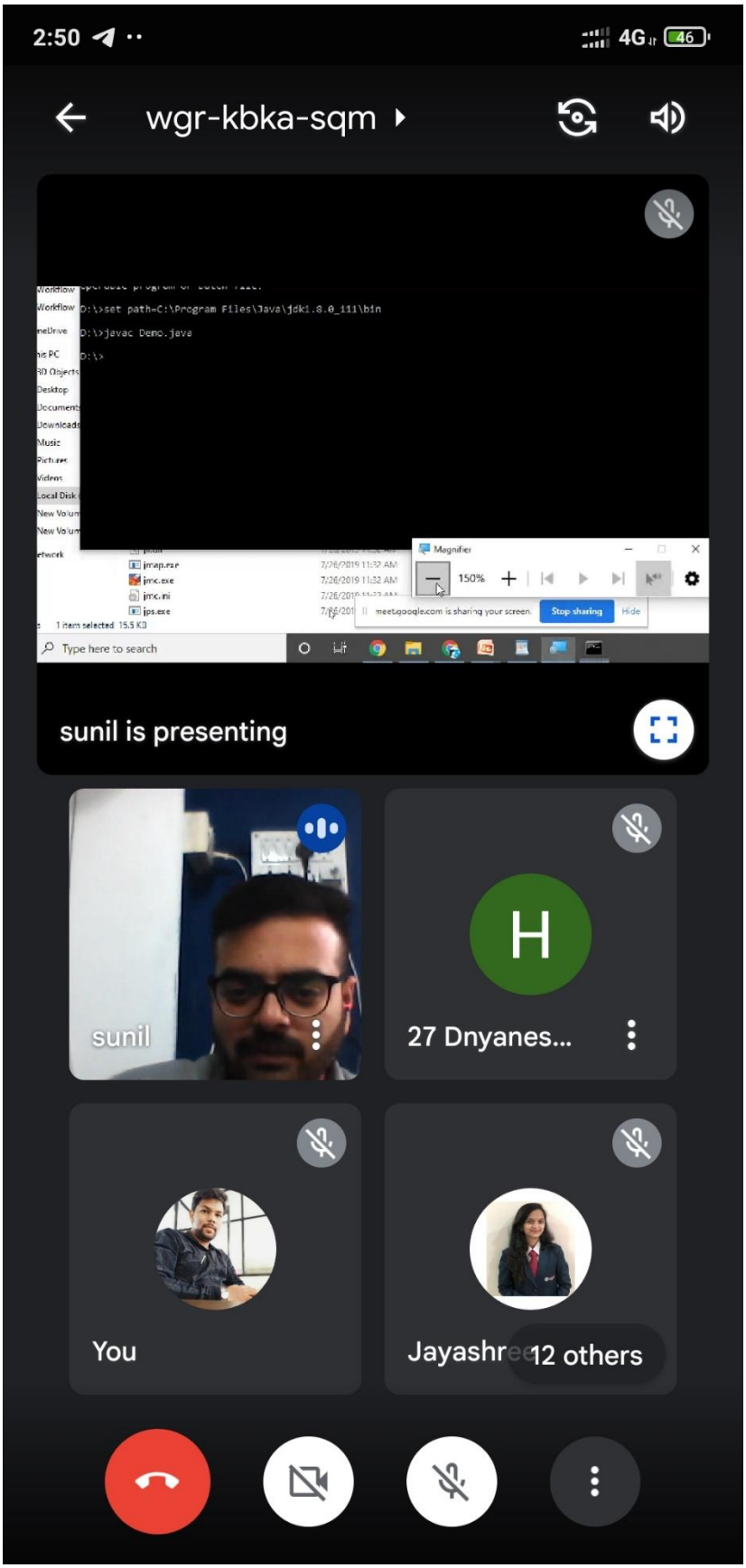
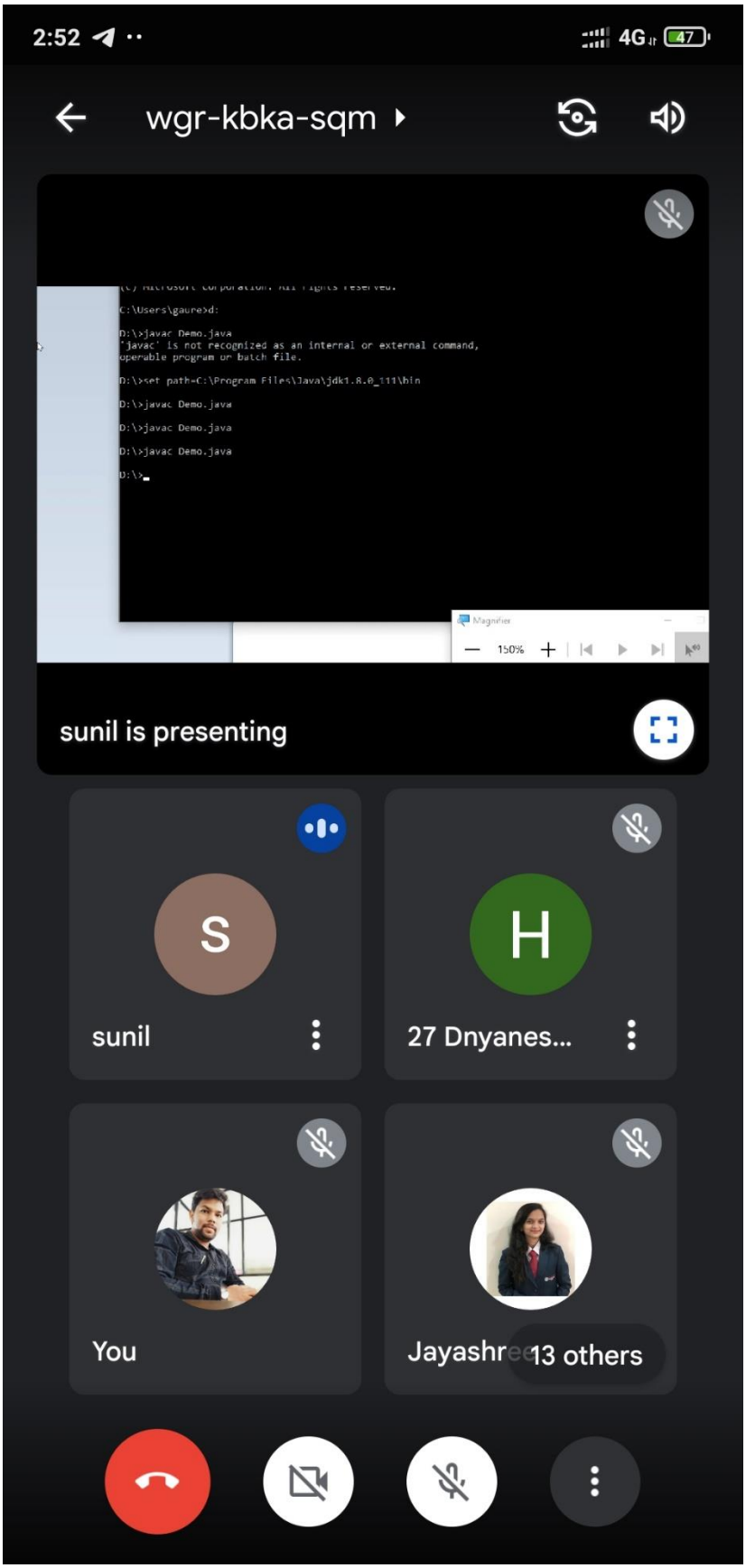
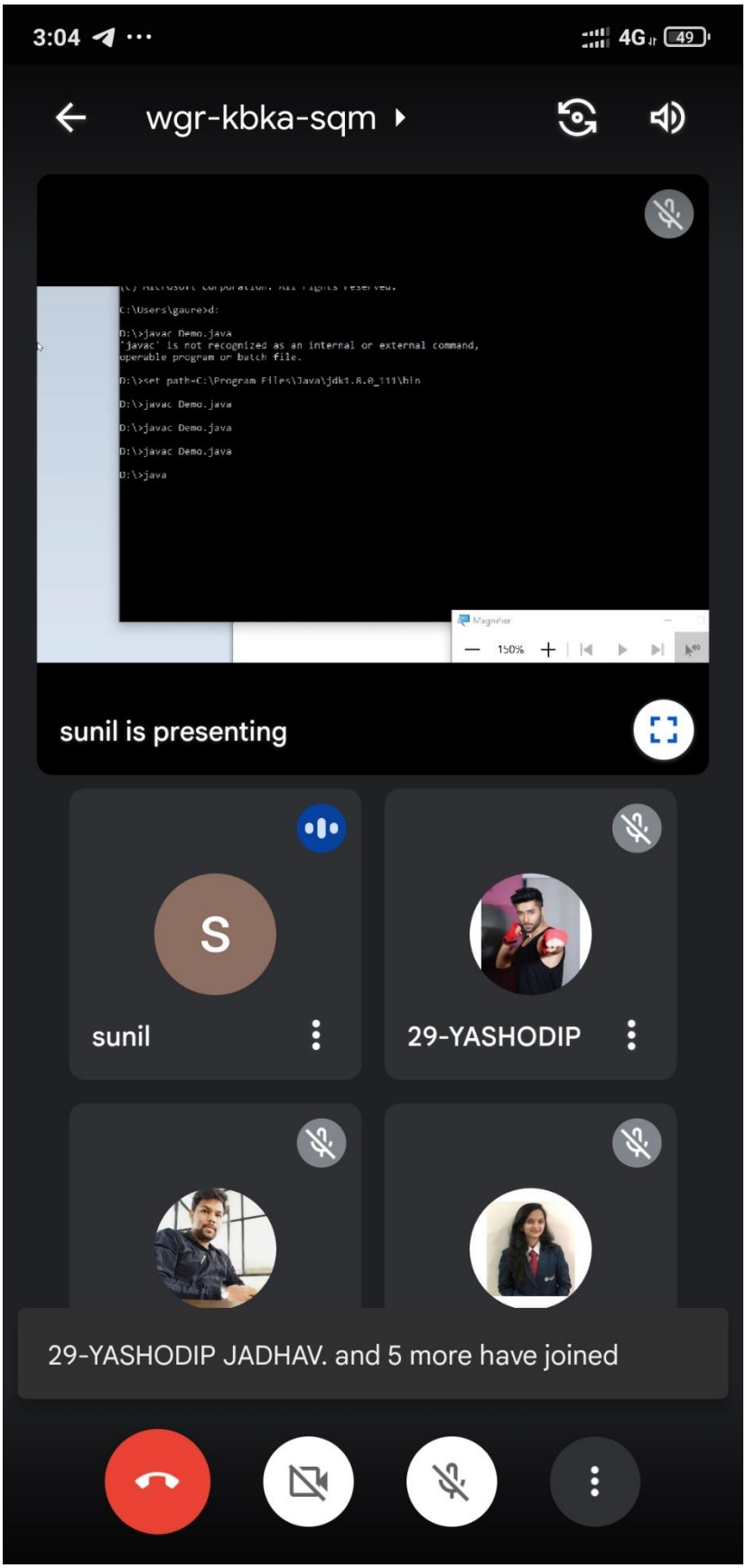
27/09/2021

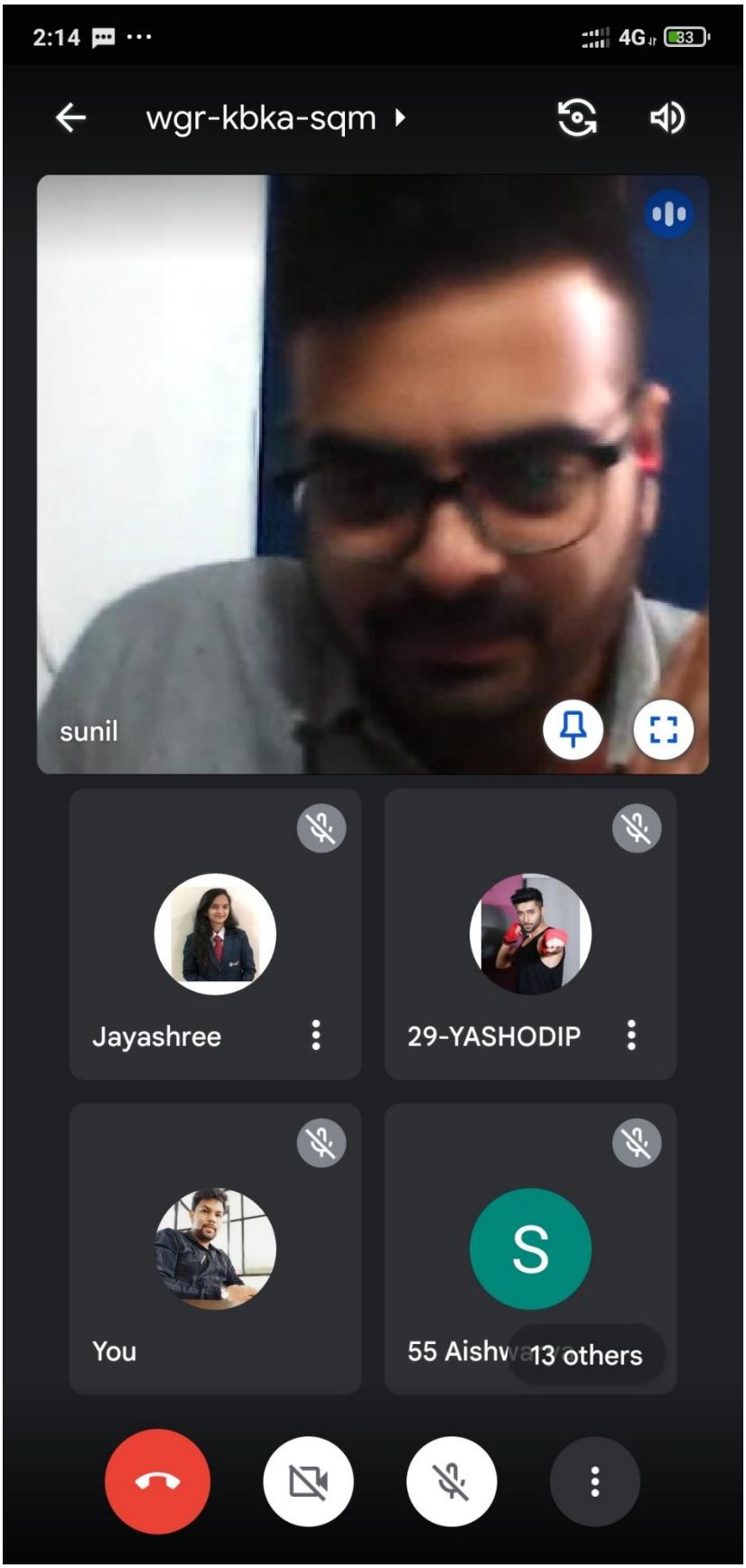

2:26
4G
wgr-kbka-sqm
class Demo
{
public static void main(String k[])
{
}
sunil is presenting
S
sunil
08
08
You
Jayashree
13 others

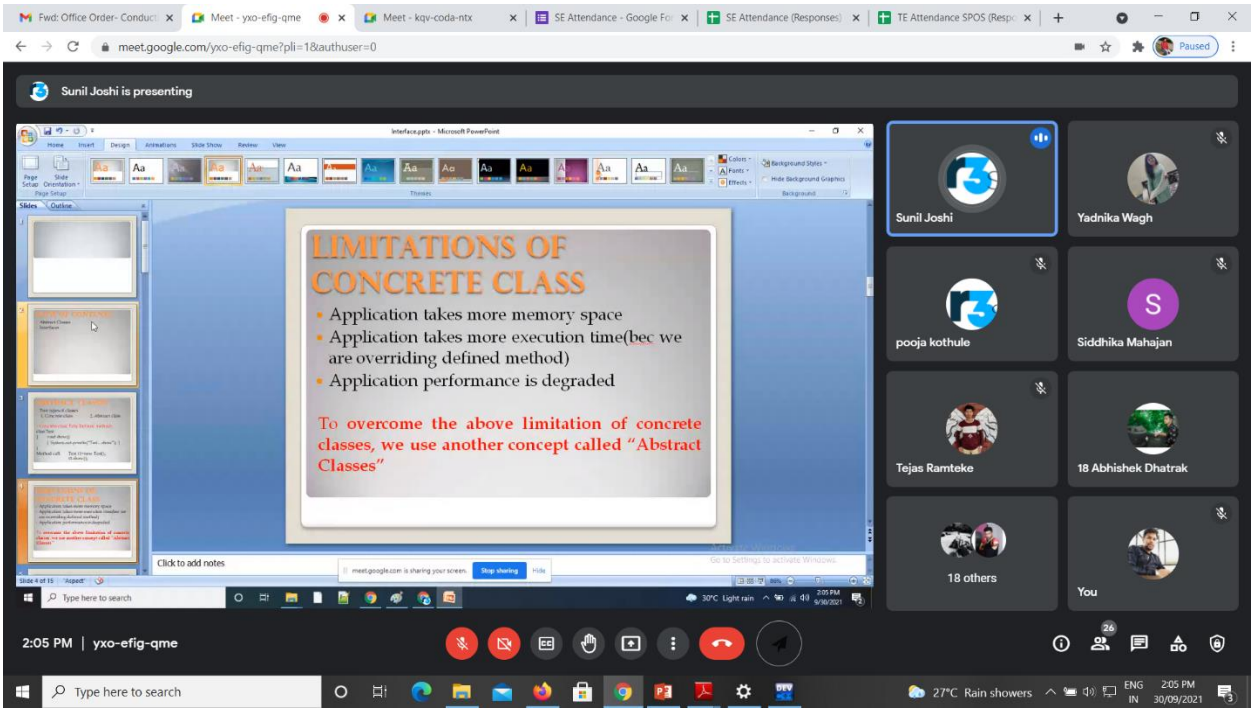

2:34
4G
42
wgr-kbka-sqm
Wrapper Classes
Fundamental type data
wrapper class name
conversion method from String to Fundamental data type
byte
Byte
public static byte parseByte(String)
short
Short
public static short parseShort(String)
int
Integer
public static int parseInt(String)
long
Long
public static long parseLong(String)
float
Float
public static float parseFloat(String)
double
Double
public static double parseDouble(String)
char
Character
boolean
Boolean
public static boolean parseBoolean(String)
sunil is presenting
sunil
08
08
You
Jayashree
13 others

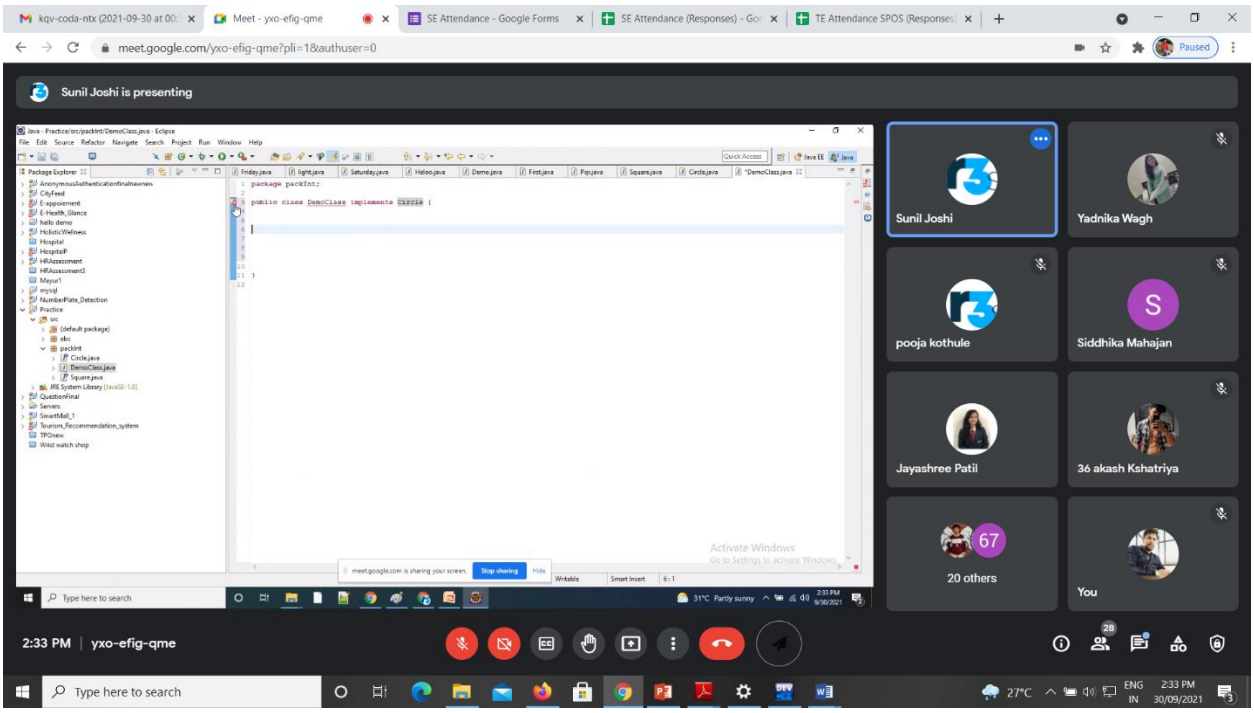

2:50
4G
46
wgr-kbka-sqm
D:\>set path=C:\Program Files\Java\jdk1.8.0_111\bin
D:\>javac Demo.java
D:\>
Magnifier
150%
meet.google.com is sharing your screen.
Stop sharing
Hide
Type here to search
sunil is presenting
sunil
H
27 Dnyanes...
You
Jayashree
12 others

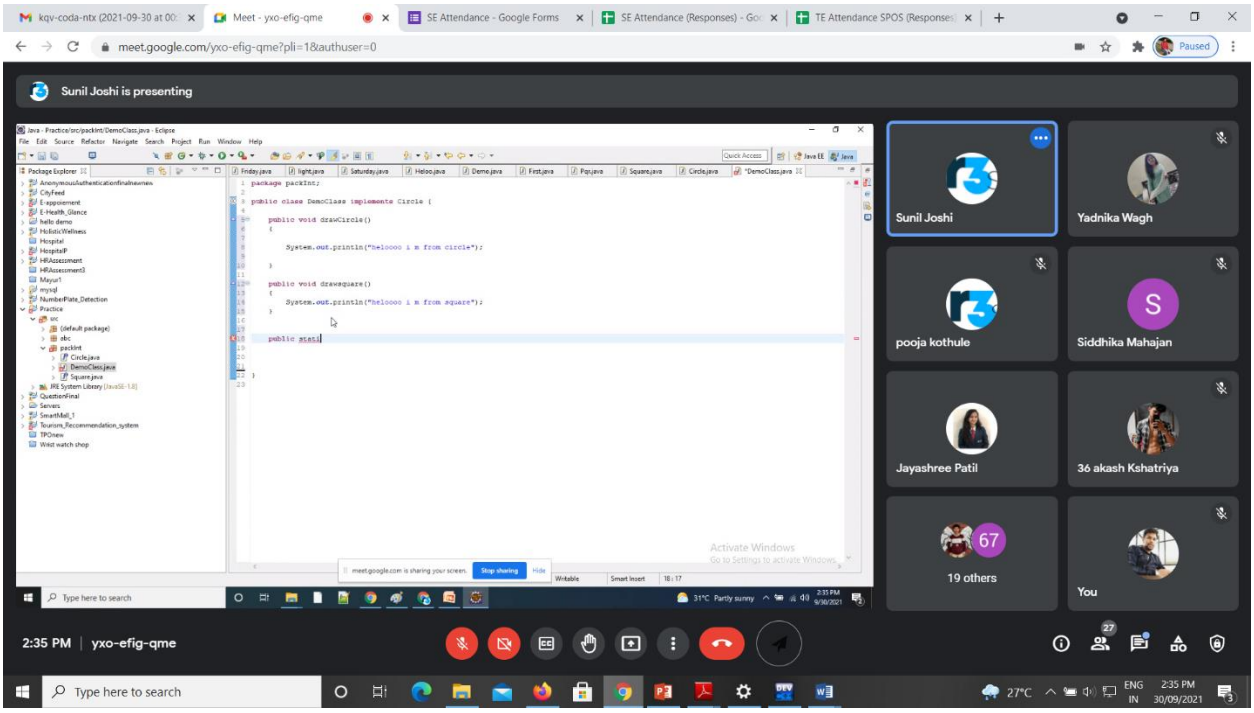

2:52
4G
wgr-kbka-sqm
C:\Users\gaure>d:
D:\>javac Demo.java
'javac' is not recognized as an internal or external command,
operable program or batch file.
D:\>set path=C:\Program Files\Java\jdk1.8.0_111\bin
D:\>javac Demo.java
D:\>javac Demo.java
D:\>javac Demo.java
D:\>
Magnifier
150%
sunil is presenting
S
sunil
H
27 Dnyanes...
You
Jayashree
13 others

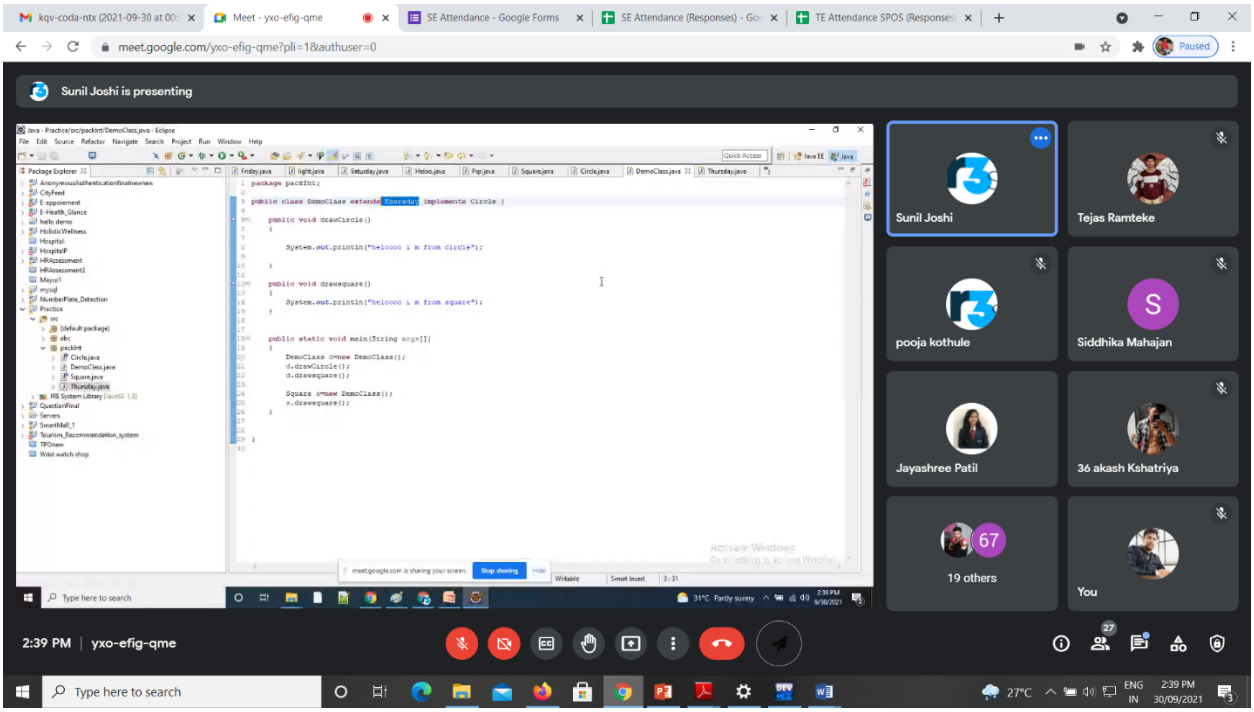

3:04
4G
49
wgr-kbka-sqm
C:\Users\gaure>d:
D:\>javac Demo.java
'javac' is not recognized as an internal or external command,
operable program or batch file.
D:\>set path=C:\Program Files\Java\jdk1.8.0_111\bin
D:\>javac Demo.java
D:\>javac Demo.java
D:\>javac Demo.java
D:\>java
Magnifier
150%
sunil is presenting
S
sunil
29-YASHODIP
29-YASHODIP JADHAV. and 5 more have joined


2:14
4G
wgr-kbka-sqm
sunil
Jayashree
29-YASHODIP
You
S
13 others


Sunil Joshi is presenting
LIMITATIONS OF CONCRETE CLASS
Application takes more memory space
Application takes more execution time(bec we are overriding defined method)
Application performance is degraded
To overcome the above limitation of concrete classes, we use another concept called "Abstract Classes"
Sunil Joshi
Yadnika Wagh
pooja kothule
Siddhika Mahajan
Tejas Ramteke
18 Abhishek Dhatrak
18 others
You
2:05 PM | yxo-efig-qme


Sunil Joshi is presenting
Sunil Joshi
Yadnika Wagh
pooja kothule
Siddhika Mahajan
Jayashree Patil
36 akash Kshatriya
20 others
You
2:33 PM | yxo-efig-qme


Sunil Joshi is presenting
Sunil Joshi
Yadnika Wagh
pooja kothule
Siddhika Mahajan
Jayashree Patil
36 akash Kshatriya
19 others
You
2:35 PM | yxo-efig-qme


Sunil Joshi is presenting
Sunil Joshi
Tejas Ramteke
pooja kothule
Siddhika Mahajan
Jayashree Patil
36 akash Kshatriya
19 others
You
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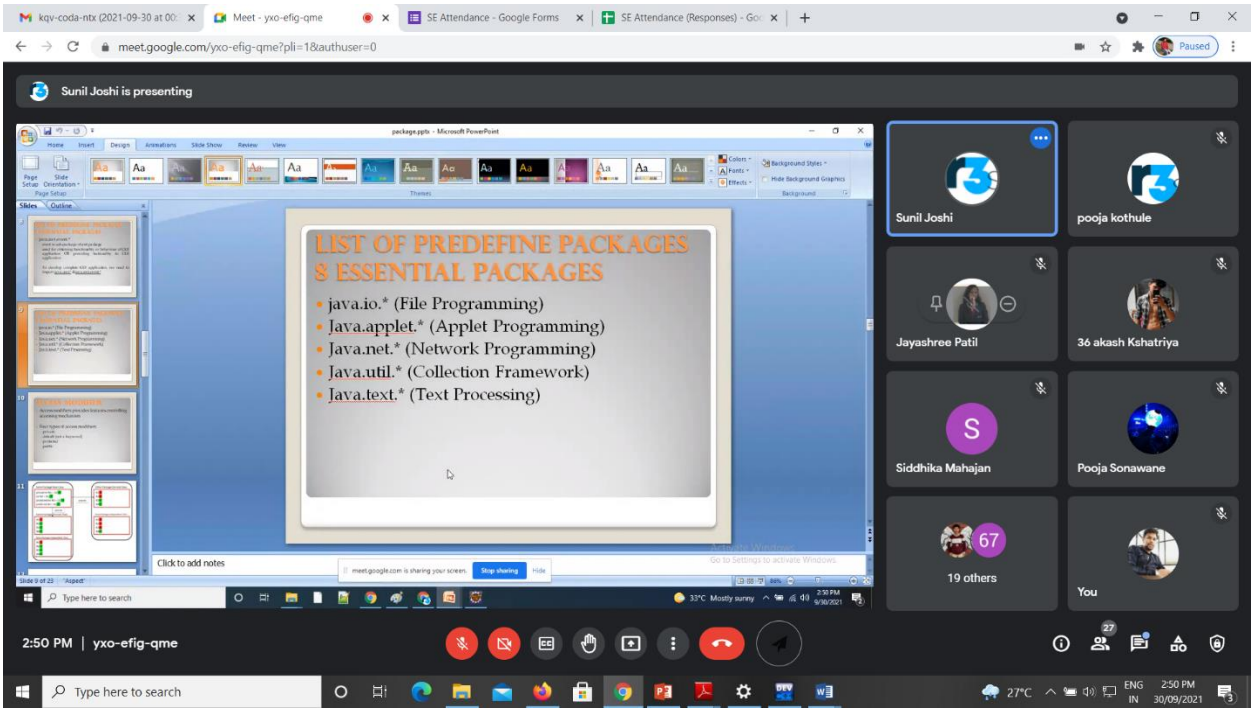
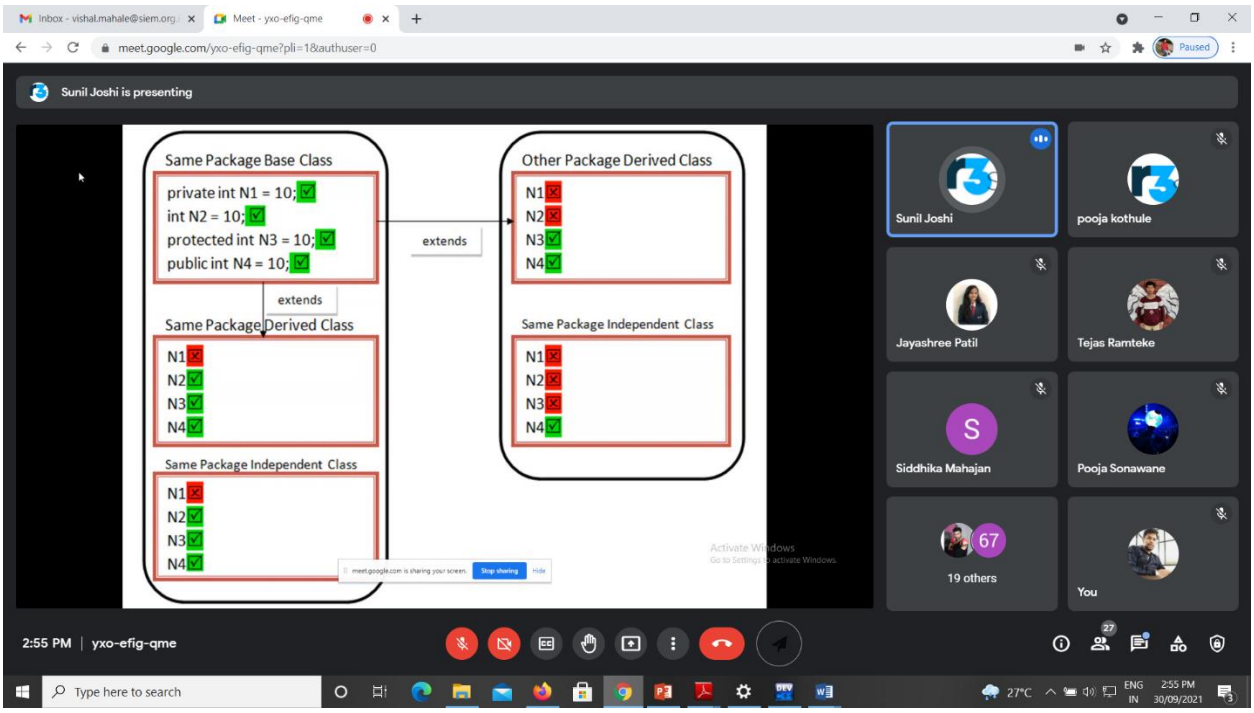

Sunil Joshi is presenting
LIST OF PREDEFINE PACKAGES
& ESSENTIAL PACKAGES
java.io.* (File Programming)
Java.applet.* (Applet Programming)
Java.net.* (Network Programming)
Java.util.* (Collection Framework)
Java.text.* (Text Processing)
Sunil Joshi
pooja kothule
Jayashree Patil
36 akash Kshatriya
Siddhika Mahajan
Pooja Sonawane
19 others
You
2:50 PM | yxo-efig-qme


Sunil Joshi is presenting
Same Package Base Class
private int N1 = 10;
int N2 = 10;
protected int N3 = 10;
public int N4 = 10;
extends
Same Package Derived Class
N1 N2 N3 N4
Same Package Independent Class
N1 N2 N3 N4
Other Package Derived Class
N1 N2 N3 N4
Same Package Independent Class
N1 N2 N3 N4
Sunil Joshi
pooja kothule
Jayashree Patil
Tejas Ramteke
Siddhika Mahajan
Pooja Sonawane
19 others
You
2:55 PM | yxo-efig-qme