DAILY ONLINE ACTIVITIES SUMMARY

Date:	**24 June 2020**	**Name:**	**Asha Rudrappa Totagi**
Sem& Sec	**6thsem& A sec**	**USN:**	**4AL17CS015**

Pre-Placement Training Summary

Subject	**9:00 am to 11:00 am - Programming in Java** **11:00 am to 1:00pm - Programming challenges on Stack and Queue**		
Faculty	**1. Ms. Shilpa** **2. Mr. Venkatesh**	**Duration**	**1. 2 hours** **2. 2 hours**

Online Coading

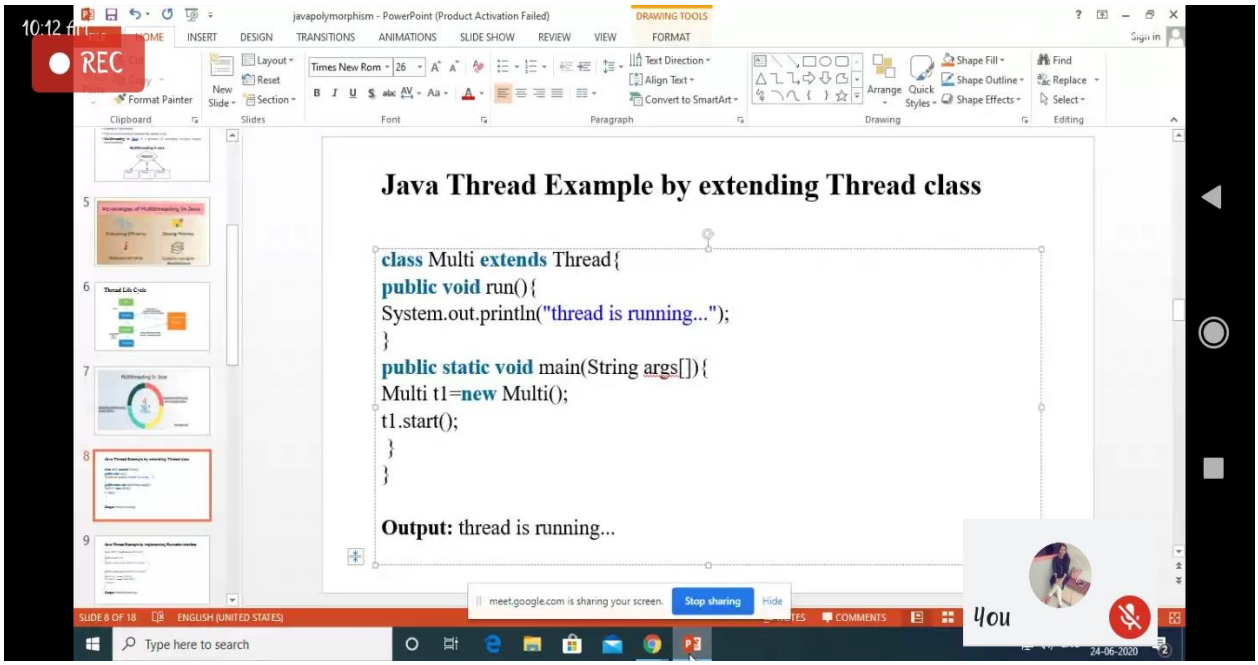
Problem Statement

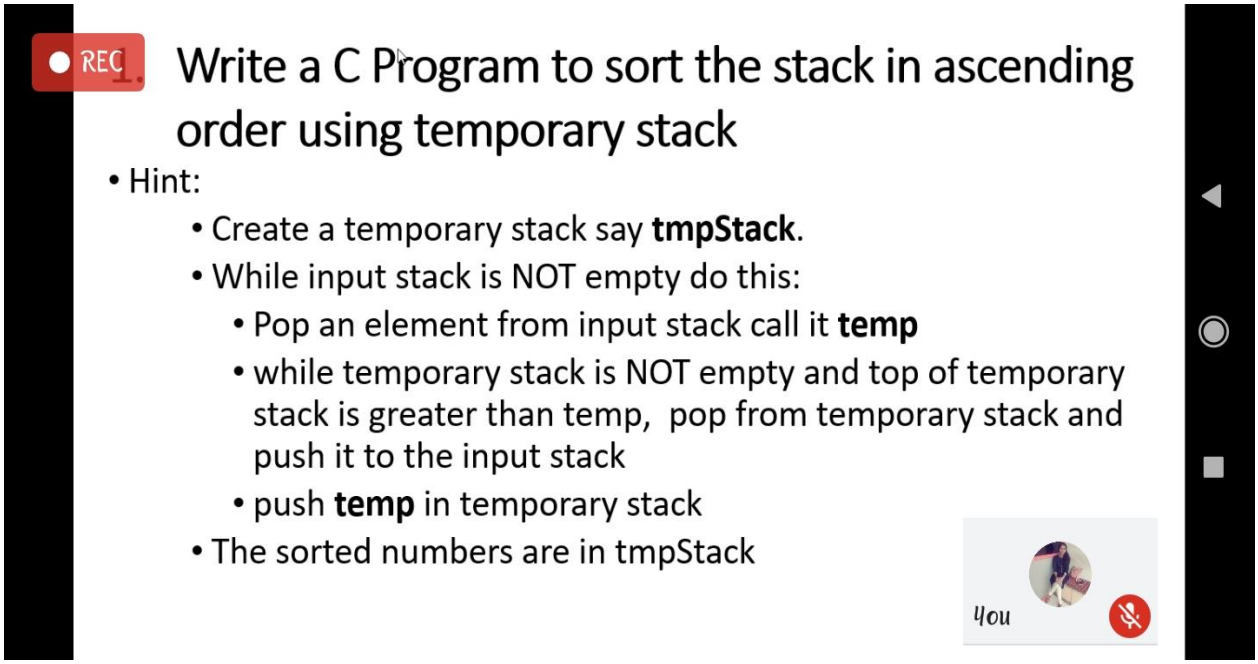
Program 1: Create a class named 'Shape' with a method to print "This is This is shape". Then create two other classes named 'Rectangle', 'Circle' inheriting the Shape class, both having a method to print "This is rectangular shape" and "This is circular shape" respectively. Create a subclass 'Square' of 'Rectangle' having a method to print "Square is a rectangle". Now call the method of 'Shape' and 'Rectangle' class by the object of 'Square' class.

Status: DONE

Uploaded the report in Github	**YES**
If yes Repository name	**Daily Status**
Uploaded the report in slack	**YES**

Online Pre-placement Training



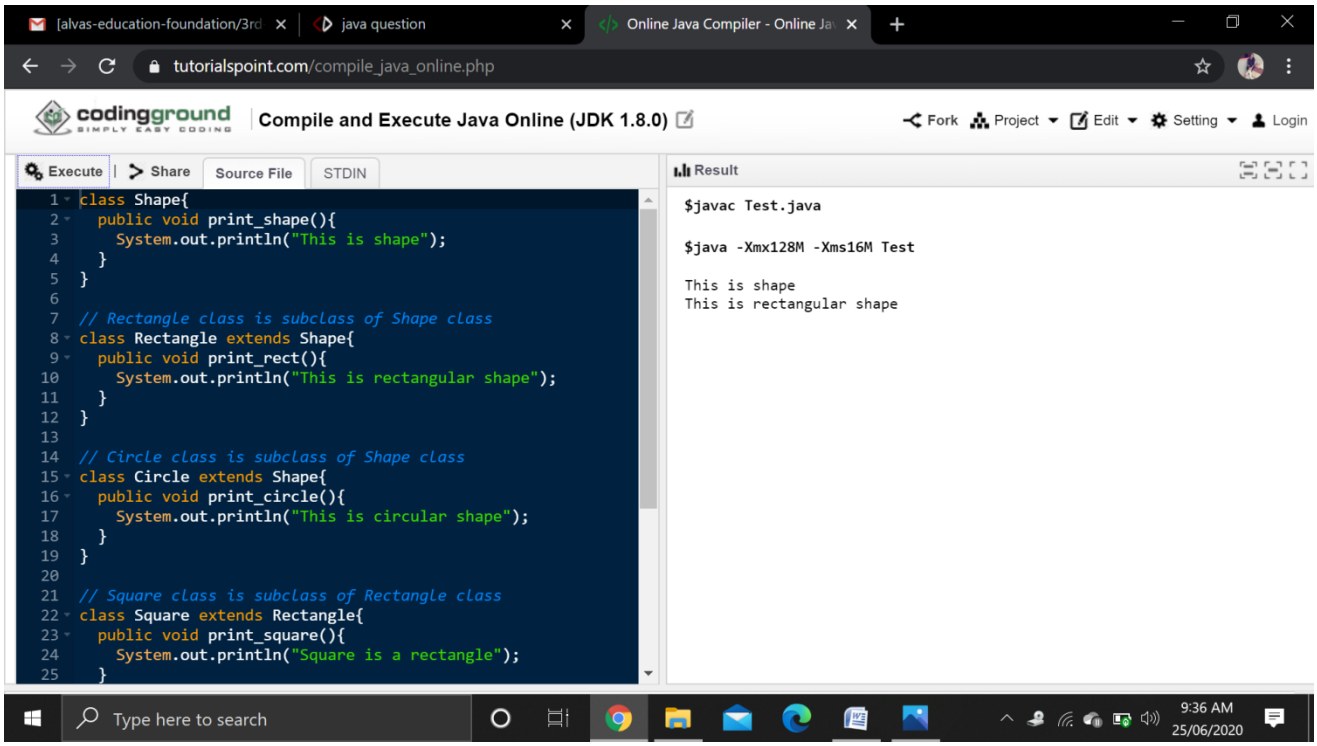


Coding Challenges Details:

Program 1:

```
class Shape{
  public void print_shape(){
    System.out.println("This is shape");
  }
}

// Rectangle class is subclass of Shape class
class Rectangle extends Shape{
  public void print_rect(){
    System.out.println("This is rectangular shape");
  }
}

// Circle class is subclass of Shape class
class Circle extends Shape{
  public void print_circle(){
    System.out.println("This is circular shape");
  }
}

// Square class is subclass of Rectangle class
class Square extends Rectangle{
  public void print_square(){
    System.out.println("Square is a rectangle");
  }
}

// main class
public class Test{
  public static void main(String[] args){
    Square sq = new Square();  // creating object of Square class
    sq.print_shape();    // Object of Square class calling function of Shape
class
    sq.print_rect();    // Object of Square class calling function of Rectangle
class
  }
}
```

Output: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Project
Edit
Setting
Login
Execute
Share
Source File
STDIN
Result
class Shape{
public void print_shape(){
System.out.println("This is shape");
}
}
// Rectangle class is subclass of Shape class
class Rectangle extends Shape{
public void print_rect(){
System.out.println("This is rectangular shape");
}
}
// Circle class is subclass of Shape class
class Circle extends Shape{
public void print_circle(){
System.out.println("This is circular shape");
}
}
// Square class is subclass of Rectangle class
class Square extends Rectangle{
public void print_square(){
System.out.println("Square is a rectangle");
}
$javac Test.java
$java -Xmx128M -Xms16M Test
This is shape
This is rectangular shape
Type here to search
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25/06/2020