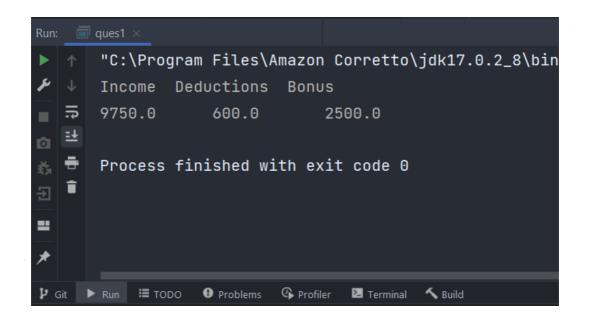
```
Name Nikhil Gupta
RoU No. 20051523
Branch CSE
Batch CSE-06
Subject Web Tech
                   Assignment 10
Jues 1
     interface Income
       double earnings();
       double deductions ();
       double bonus ();
   abstract class Manager implements Income
       public double earnings ()
          redwin basic + 0.8 * basic + 0.15 * basic;
       public double deductions()
       E return 0.12 * basic;
```

```
class Substaff extends Manager
     Substaff (double base)

Elisable base;

basic = base;
     public double bonus ()
      return 0.5 * bosic;
public class ques!
    public static void main (Storing [] args)
        Substaff obj = new Substaff (1500);
        System. out paintly ("Income It Deductions It Borny;
        System, out. pountly (obj. somings ()+"\t"+obi.
                   deductions () + "It" + obj. bonus ());
```



Jues 2

```
interface motors {
   int capacity = 10;
   Void nun();
   void consume();
}
```

dass washing_machine implements motor {

public void sun() {

System.out.println("Inside sun Method");

}

public void consume () {

System. out. point Ln ("Consume Mothod");
}

```
public class ques 2 {

public static void main (Steing[] 20198)

{

motor ob = new working mochine ();

System.out.paintln ("Value of Capacity: "+ ob. capacity);

ob. run ();

ob. consume();

}
```

3

```
Junes 3
    interface interf
        void disp();
   class student implements interf
       Public void disp()
           System. out. pourully (n)3
       public static void main (storing [] ange)
           Student obi = nev student ();
          obj. disp();
```

n= 10;

obi disp();

```
E:\4th Sem\Web Tech Lab\Java Lab\Lab 7\src\student.java:16:9
    void disp();
Class Student 1 implements Inter
   public void disp ()
      System out. pould in ("Interface Method"),
    void non/faceMothodC)
       System. out. pount Ln ("Non-Interface Method");
```

Ques H

```
Public class quest

{

Public static void main(Staing[] args)
        Student 1 obi = new student ();
        System.out.pointles ("Student Object");
        obj. disp();
        obi. nonIfaceMethod ();
        inter sel;
        ref = obis
        System. out. pointln ("Interface Reference");
nef. disp ();
```

suf-olisp();

suf-non I foce Method();

3

Run: ☐ ques4 ×

C:\Program Files\Amazon Corretto\jdk17.0.2_8\bi

From student obj :
interface method
non-interface method

From interface reference :
interface method

Problems Profiler I Terminal Suild

```
Jus 5
   interface A
      void math ():
       void math 2();
   interface B extends A
     void moths ();
  class Student 2 implements B
      public void moth ()
         System. out. pointly ("Math1");
      public void moth2 ()
          System. out. paintln ("Math 2");
      public void moth 3()
          8 yetem. out. paintln ("Moth 3"); 3
```

```
3
```

```
public class ques5

public static proid main (storing[] orgs)

{

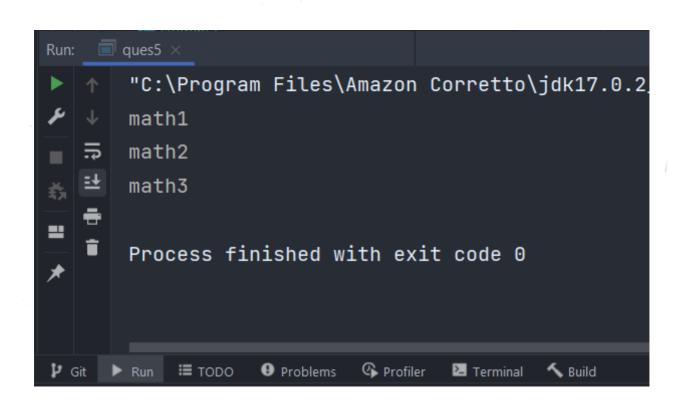
Student2 obj = new student2();

obj. math1();

obj. math2();

obj. math3();

}
```



```
Jues 6
     { void disp();
       void display ()
          System.out. pound ("Display function of 8 hope Class")
     ublic class ques 6 extends shape implements Inter
         E
System. out. pountly ("Display function of Interface
        public Static void main (Storing [] ongs)
             ques 6 obj = new ques 6();
```

Obj.disp(); Obj.display();

3

3

