

Faculty of Engineering & Technology Subject Name: Java Workshop

Subject Code: 203105259

B.Tech.: IT Year: 2021-22 Semester: 4

Practical Set: 3

Inheritance Practical 1:

AIM: Write java Program for single level inheritance.

```
Code:
import java.util.*;
class Inheritance multiply
{
   public static void main(String args[])
     sub sub1 = new sub();
     Scanner sc = new Scanner(System.in);
        System.out.print("Enter Number 1 : ");
          Double a = sc.nextDouble();
        System.out.print("Enter Number 2 : ");
          Double b = sc.nextDouble();
       sub1.setij(a,b);
       sub1.multiply();
class inhertmultiply
      Double a;
      Double b;
class sub extends inhertmultiply
      Double c;
      void setij(Double i,Double j)
            a=i;
            b=j;
     void multiply()
           c=a*b;
            System.out.println("Multiplication of 2 Number: "+c);
```

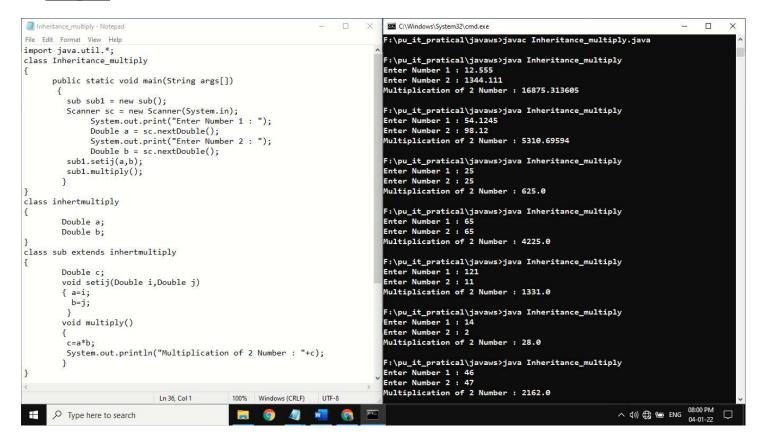
}



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Output:



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Practical Set: 4

Java Keyword Practical 1:

<u>AIM:</u> Write java program to demonstrate the use of static keyword.

```
Code:
```

```
class Student
 int rollno;
 String name;
 static String college ="PIET";
 static int count=0;
 static int branchcode=545;
 Student()
   this.rollno =3;
   this.name ="Hemil";
   count++;
 Student(int r, String n)
  rollno=r;
   name=n;
   count++;
  void display()
   System.out.println(rollno +" "+ name +" "+ college +" "+ branchcode);
   System.out.println("Inserted record no." + count);
class staticConstant
  public static void main(String args[])
   Student s1 = new Student(3,"Meet");
                                           //count=1
   s1.display();
                                           //count=2
   Student s2 = new Student(4,"Raj");
```

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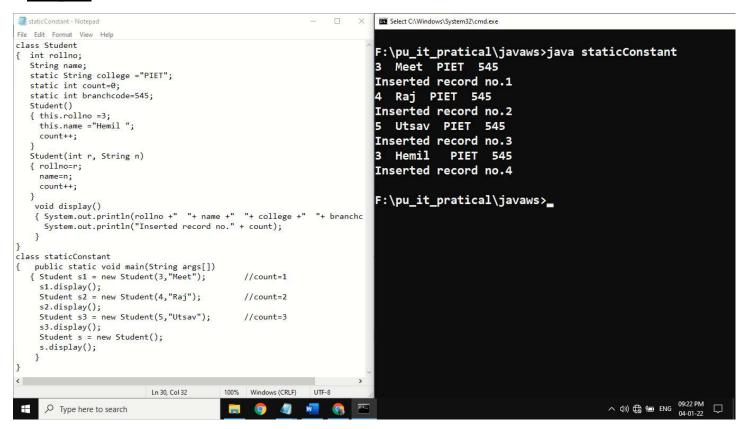


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```
s2.display();
Student s3 = new Student(5,"Utsav");  //count=3
s3.display();
Student s = new Student();
s.display();
}
```

Output:



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