Task -3 Class, Objects

a). Write a JAVA program to implement class mechanism. – Create a class, methods and invoke them inside main method. ?

Aim : A java program to implement class mechanism.

Source Code :

```java
class Student{
 int rollno;
 String name;
 void insert(int r, String n){
  rollno=r;
  name=n;
 }
 void display()
{
System.out.println(rollno+" "+name);
}
}
class TestStudent{
 public static void main(String args[]){
  Student s1=new Student();
  Student s2=new Student();
  s1.insert(1000,"Ramesh");
  s2.insert(2000,"Chakry");
  s1.display();
  s2.display();
 }
}
```

Expected Output:

1000 Ramesh
2000 Chakry

Executed Output:

Result : The task is successfully executed.

b). Write a JAVA program to implement constructor. ?

Aim : A Java program to implement constructor.

Source Code :

```java
  class Student4{
   int id;
   String name;
   //creating a parameterized constructor
   Student4(int i, String n)
```

```java
    {
    id = i;
    name = n;
    }
    //method to display the values
    void display(){System.out.println(id+" "+name);}

    public static void main(String args[]){
    //creating objects and passing values
    Student4 s1 = new Student4(1000,"Kiran");
    Student4 s2 = new Student4(2000,"Arun");
    //calling method to display the values of object
    s1.display();
    s2.display();
    }
}
```

Expected Output:
1000 Kiran
2000 Arun

Executed Output:

Result : The task is successfully executed.