#### TEST-7

### **JAVA**

# 1.

```
1. public class Main (
2. public static class Employee {
    private String mane;
    private String name;
    public Employee(String name, double salary) {
        this.name = mane;
        this.salary = salary;
    }
    public String getName() {
        return salary;
    }
    public String toString() {
        return salary;
    }
    public static class Manager extends Employee {
        private String mane, double salary, ** salary **
```

### 2.

```
class Person {
     String name;
                                                                                                                                                        Name: nithin
     int age;
                                                                                                                                                        Age: 20
                                                                                                                                                        Student ID: 192325048
    public void displayInfo() {
         System.out.println("Name: " + name);
System.out.println("Age: " + age);
                                                                                                                                                        === Code Execution Successful ===
class Student extends Person {
     int studentId;
    public void displayInfo() {
    super.displayInfo();
    System.out.println("Student ID: " + studentId);
public class Main {
    public static void main(String[] args) {
       Student student = new Student();
student.name = "nithin";
         student.age = 20;
student.studentId = 192325048;
          student.displayInfo();
```

```
class Vehicle {
    public void move() {
        System.out.println("Vehicle is moving");
    }
}
class Car extends Vehicle {
    public void move() {
        System.out.println("Car is being driven");
    }
}
class Bicycle extends Vehicle {
    public void move() {
        System.out.println("Car is being driven");
    }
}

class Bicycle extends Vehicle {
    public void move() {
        System.out.println("Bicycle is being pedaled");
    }
}

public class Main {
    public static void main(String[] args) {
        Vehicle vehicle = new Vehicle();
        Car car = new Car();
        Bicycle bicycle = new Bicycle();

        vehicle.move();
        car.move();
        bicycle.move();
        bicycle.move();
```

## 4.

```
Section State of the Control C
```