5. wrtie a java program that creates a class hierarchy fpr employee of acompany .the base class should be employee,with subclass manager,developer,and programmer.each subclass should have properties suchas name, address,salary or job title,implements methods for calculating bonuses,generating performing reports and managing projects;

PROGRAM:-

```java
class Shape {

    private String name;
    public void setName(String name) {
        this.name = name;
    }
    public String getName() {
        return this.name;
    }
}
class Employee extends Shape {

    private int employeeId;
    private String department;
    public Employee(String name, int employeeId, String department) {

        setName(name);
        this.employeeId = employeeId;
        this.department = department;
    }
```

```java
    public String getEmployeeDetails() {

        return "Name: " + getName() + ", Employee ID: " + employeeId +
", Department: " + department;

    }

}
public class Main {

    public static void main(String[] args) {


        Employee emp = new Employee("John Doe", 12345,
"Engineering");

        System.out.println(emp.getEmployeeDetails());

    }

}
```

Output:-

```
Name: John Doe, Employee ID: 12345, Department: Engineering
```