Practical 3

```java
class Employee {

    String empName;

    int empId;

    String address;

    String mailId;

    String mobileNo;


    Employee(String empName, int empId, String address, String mailId, String mobileNo) {

        this.empName = empName;

        this.empId = empId;

        this.address = address;

        this.mailId = mailId;

        this.mobileNo = mobileNo;

    }

}


class Programmer extends Employee {

    double basicPay;


    Programmer(String empName, int empId, String address, String mailId, String mobileNo, double basicPay) {

        super(empName, empId, address, mailId, mobileNo);

        this.basicPay = basicPay;

    }


    void generatePaySlip() {

        double da = 0.97 * basicPay;

        double hra = 0.10 * basicPay;

        double pf = 0.12 * basicPay;

        double staffClubFund = 0.001 * basicPay;
```

```java
        double grossSalary = basicPay + da + hra;

        double netSalary = grossSalary - pf - staffClubFund;

        System.out.println("Programmer: " + empName + ", Gross Salary: " + grossSalary + ", Net Salary:
" + netSalary);

    }
}


class TeamLead extends Employee {

    double basicPay;


    TeamLead(String empName, int empId, String address, String mailId, String mobileNo, double
basicPay) {

        super(empName, empId, address, mailId, mobileNo);

        this.basicPay = basicPay;

    }


    void generatePaySlip() {

        double da = 0.97 * basicPay;

        double hra = 0.10 * basicPay;

        double pf = 0.12 * basicPay;

        double staffClubFund = 0.001 * basicPay;

        double grossSalary = basicPay + da + hra;

        double netSalary = grossSalary - pf - staffClubFund;

        System.out.println("Team Lead: " + empName + ", Gross Salary: " + grossSalary + ", Net Salary: "
+ netSalary);

    }
}


class AssistantProjectManager extends Employee {

    double basicPay;
```

```java
    AssistantProjectManager(String empName, int empId, String address, String mailId, String
mobileNo, double basicPay) {

        super(empName, empId, address, mailId, mobileNo);

        this.basicPay = basicPay;

    }


    void generatePaySlip() {

        double da = 0.97 * basicPay;

        double hra = 0.10 * basicPay;

        double pf = 0.12 * basicPay;

        double staffClubFund = 0.001 * basicPay;

        double grossSalary = basicPay + da + hra;

        double netSalary = grossSalary - pf - staffClubFund;

        System.out.println("Assistant Project Manager: " + empName + ", Gross Salary: " + grossSalary +
", Net Salary: " + netSalary);

    }
}


class ProjectManager extends Employee {

    double basicPay;


    ProjectManager(String empName, int empId, String address, String mailId, String mobileNo,
double basicPay) {

        super(empName, empId, address, mailId, mobileNo);

        this.basicPay = basicPay;

    }


    void generatePaySlip() {

        double da = 0.97 * basicPay;

        double hra = 0.10 * basicPay;

        double pf = 0.12 * basicPay;

        double staffClubFund = 0.001 * basicPay;
```

```java
        double grossSalary = basicPay + da + hra;

        double netSalary = grossSalary - pf - staffClubFund;

        System.out.println("Project Manager: " + empName + ", Gross Salary: " + grossSalary + ", Net Salary: " + netSalary);

    }
}


public class EmployeePaySlip {

    public static void main(String[] args) {

        Programmer programmer = new Programmer("Alice", 101, "123 Street", "alice@example.com", "9876543210", 50000);

        TeamLead teamLead = new TeamLead("Bob", 102, "456 Avenue", "bob@example.com", "9876543211", 70000);

        AssistantProjectManager apm = new AssistantProjectManager("Charlie", 103, "789 Road", "charlie@example.com", "9876543212", 80000);

        ProjectManager pm = new ProjectManager("David", 104, "101 Boulevard", "david@example.com", "9876543213", 90000);


        programmer.generatePaySlip();

        teamLead.generatePaySlip();

        apm.generatePaySlip();

        pm.generatePaySlip();

    }
}
```