

Name: Khushi Satyaprakash Singh

Branch: Information Technology

Div: B

Roll number: 45

Batch: [B-2]

Assignment Number :03

```
import java.util.*;

class Employee {
    int empId;
    long phoneNumber;
    String empName, email, empAddress;
    Scanner sc = new Scanner(System.in);

    void inputDetails() {
        System.out.println("Enter Employee ID: ");
        empId = sc.nextInt();
        System.out.println("Enter Employee Mobile No: ");
        phoneNumber = sc.nextLong();
        sc.nextLine();
        System.out.println("Enter Employee Name: ");
        empName = sc.nextLine();
        System.out.println("Enter Employee Email: ");
        email = sc.nextLine();
        System.out.println("Enter Employee Address: ");
        empAddress = sc.nextLine();
    }

    void displayDetails() {
        System.out.println("-----*****-----");
        System.out.println("Employee ID: " + empId);
        System.out.println("Employee Name: " + empName);
        System.out.println("Employee Mobile No: " + phoneNumber);
        System.out.println("Employee Email: " + email);
        System.out.println("Employee Address: " + empAddress);
        System.out.println("-----*****-----");
    }
}

class Programmer extends Employee {
```

```

double grossSalary;
double netSalary;
double basicPay, hra, clubFund, providentFund, da;

void calculateSalary() {
    System.out.println("Enter your basic pay:");
    basicPay = sc.nextDouble();
    da = (0.97 * basicPay);
    hra = (0.10 * basicPay);
    providentFund = (0.12 * basicPay);
    clubFund = (0.001 * basicPay);
    grossSalary = basicPay + da + hra;
    netSalary = grossSalary - (providentFund + clubFund);
    System.out.println("Gross salary: " + grossSalary);
    System.out.println("Net salary: " + netSalary);
}
}

```

```

class TeamLead extends Employee {
    double grossSalary;
    double netSalary;
    double basicPay, hra, clubFund, providentFund, da;

    void calculateSalary() {
        System.out.println("Enter your basic pay:");
        basicPay = sc.nextDouble();
        da = (0.97 * basicPay);
        hra = (0.10 * basicPay);
        providentFund = (0.12 * basicPay);
        clubFund = (0.001 * basicPay);
        grossSalary = basicPay + da + hra;
        netSalary = grossSalary - (providentFund + clubFund);
        System.out.println("Gross salary: " + grossSalary);
        System.out.println("Net salary: " + netSalary);
    }
}

```

```

class AssistantManager extends Employee {
    double grossSalary;
    double netSalary;
    double basicPay, hra, clubFund, providentFund, da;

    void calculateSalary() {
        System.out.println("Enter your basic pay:");
    }
}

```

```

        basicPay = sc.nextDouble();
        da = (0.97 * basicPay);
        hra = (0.10 * basicPay);
        providentFund = (0.12 * basicPay);
        clubFund = (0.001 * basicPay);
        grossSalary = basicPay + da + hra;
        netSalary = grossSalary - (providentFund + clubFund);
        System.out.println("Gross salary: " + grossSalary);
        System.out.println("Net salary: " + netSalary);
    }
}

```

```

class ProjectManager extends Employee {
    double grossSalary;
    double netSalary;
    double basicPay, hra, clubFund, providentFund, da;

    void calculateSalary() {
        System.out.println("Enter your basic pay:");
        basicPay = sc.nextDouble();
        da = (0.97 * basicPay);
        hra = (0.10 * basicPay);
        providentFund = (0.12 * basicPay);
        clubFund = (0.001 * basicPay);
        grossSalary = basicPay + da + hra;
        netSalary = grossSalary - (providentFund + clubFund);
        System.out.println("Gross salary: " + grossSalary);
        System.out.println("Net salary: " + netSalary);
    }
}

```

```

class SalaryCalculator {
    public static void main(String[] args) {
        int choice;
        Scanner sc = new Scanner(System.in);
        System.out.println("Select your respective Designation: ");
        System.out.println("1. Programmer\n2. Team Lead\n3. Assistant Manager\n4. Project Manager");
        choice = sc.nextInt();

        switch (choice) {
            case 1:
                Programmer programmer = new Programmer();
                programmer.inputDetails();

```

```

        programmer.displayDetails();
        programmer.calculateSalary();
        break;
    case 2:
        TeamLead teamLead = new TeamLead();
        teamLead.inputDetails();
        teamLead.displayDetails();
        teamLead.calculateSalary();
        break;
    case 3:
        AssistantManager assistantManager = new AssistantManager();
        assistantManager.inputDetails();
        assistantManager.displayDetails();
        assistantManager.calculateSalary();
        break;
    case 4:
        ProjectManager projectManager = new ProjectManager();
        projectManager.inputDetails();
        projectManager.displayDetails();
        projectManager.calculateSalary();
        break;
    }
}
}

```

Output:

Select your respective Designation:

1. Programmer
2. Team Lead
3. Assistant Manager
4. Project Manager

1

Enter Employee ID:

101

Enter Employee Mobile No:

9876543210

Enter Employee Name:

John Doe

Enter Employee Email:

john@example.com

Enter Employee Address:

123 Main St

-----*****-----

Employee ID: 101

Employee Name: John Doe

Employee Mobile No: 9876543210

Employee Email: john@example.com

Employee Address: 123 Main St

-----*****-----

Enter your basic pay:

50000

Gross salary: 103500.0

Net salary: 91000.0