

```
import java.util.Scanner;
```

```
class Employee {
```

```
    protected String emp_no;
```

```
    protected String emp_name;
```

```
    protected double basic;
```

```
    protected double da;
```

```
    protected double hra;
```

```
    public void readData() {
```

```
        Scanner scanner = new Scanner(System.in);
```

```
        System.out.print("Enter Employee Number: ");
```

```
        emp_no = scanner.nextLine();
```

```
        System.out.print("Enter Employee Name: ");
```

```
        emp_name = scanner.nextLine();
```

```
        System.out.print("Enter Basic Salary: ");
```

```
        basic = scanner.nextDouble();
```

```
        System.out.print("Enter Dearness Allowance: ");
```

```
        da = scanner.nextDouble();
```

```
        System.out.print("Enter House Rent Allowance: ");
```

```
        hra = scanner.nextDouble();
```

```
    }
```

```
    public void printData() {
```

```
        System.out.println("Employee Number: " + emp_no);
```

```
        System.out.println("Employee Name: " + emp_name);
```

```
        System.out.println("Basic Salary: " + basic);
```

```
        System.out.println("Dearness Allowance: " + da);
```

```
        System.out.println("House Rent Allowance: " + hra);
```

```
    }
```

```
    public double calculateSalary() {  
        return basic + da + hra;  
    }  
}
```

```
class TSalary extends Employee {  
    public void showData() {  
        printData();  
    }  
}
```

```
    public double calculateNetSalary() {  
        return basic + da + hra;  
    }  
}
```

```
class PSalary extends Employee {  
    private double itax;  
  
    public void readTax() {  
        Scanner scanner = new Scanner(System.in);  
        System.out.print("Enter Income Tax: ");  
        itax = scanner.nextDouble();  
    }  
}
```

```
    public void showData() {  
        printData();  
        System.out.println("Income Tax: " + itax);  
    }  
}
```

```
    public double calculateNetSalary() {  
        return basic + da + hra - itax;  
    }  
}
```

```
}  
}
```

```
public class Main {  
    public static void main(String[] args) {  
        Scanner scanner = new Scanner(System.in);  
  
        // Example with TSalary  
        System.out.println("Enter details for TSalary:");  
        TSalary tEmployee = new TSalary();  
        tEmployee.readData();  
        System.out.println("\nEmployee Details:");  
        tEmployee.showData();  
        System.out.println("Total Salary: " + tEmployee.calculateNetSalary());  
  
        System.out.println();  
  
        // Example with PSalary  
        System.out.println("Enter details for PSalary:");  
        PSalary pEmployee = new PSalary();  
        pEmployee.readData();  
        pEmployee.readTax();  
        System.out.println("\nEmployee Details with Tax:");  
        pEmployee.showData();  
        System.out.println("Net Salary: " + pEmployee.calculateNetSalary());  
    }  
}
```