

```

1 package Task3;
2 import java.util.Scanner;
3
4 interface Taxable {
5     double salesTax = 0.05;
6     double incomeTax = 0.346;
7
8     double calcTax();
9 }
10
11 class Employee implements Taxable {
12     int empId;
13     String name;
14     double salary;
15
16     Employee(int empId, String name, double salary) {
17         this.empId = empId;
18         this.name = name;
19         this.salary = salary;
20     }
21
22     public double calcTax() {
23         return salary * incomeTax;
24     }
25 }
26
27 class Product implements Taxable {
28     int pid;
29     double price;
30     int quantity;
31
32     Product(int pid, double price, int quantity) {
33         this.pid = pid;
34         this.price = price;
35         this.quantity = quantity;
36     }
37
38     public double calcTax() {

```

```
38= public double calcTax() {
39     return price * salesTax * quantity;
40 }
41 }
42
43 public class DriverMain {
44     public static void main(String[] args) {
45         Scanner scanner = new Scanner(System.in);
46
47         System.out.println("Enter Employee Information:");
48         System.out.print("Employee ID: ");
49         int empId = scanner.nextInt();
50         scanner.nextLine();
51         System.out.print("Employee Name: ");
52         String name = scanner.nextLine();
53         System.out.print("Employee Salary: ");
54         double salary = scanner.nextDouble();
55
56         Employee employee = new Employee(empId, name, salary);
57         System.out.println("Income Tax(Employee): " + employee.calcTax());
58
59         System.out.println("\nEnter Product Information:");
60         System.out.print("Product ID: ");
61         int pid = scanner.nextInt();
62         System.out.print("Product Price: ");
63         double price = scanner.nextDouble();
64         System.out.print("Product Quantity: ");
65         int quantity = scanner.nextInt();
66
67         Product product = new Product(pid, price, quantity);
68
69         System.out.println("Sales Tax(Product): " + product.calcTax());
70
71         scanner.close();
72     }
73 }
74
75
```

Enter Employee Information:

Employee ID: 204

Employee Name: kiruba

Employee Salary: 50,000

Income Tax(Employee): 17300.0

Enter Product Information:

Product ID: 004

Product Price: 60,800.90

Product Quantity: 12

Sales Tax(Product): 36480.54