

```
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() {
```

```
8= public double calcTax() {
9     return price * salesTax * quantity;
10 }
11 }
12
13 public class DriverMain {
14     public static void main(String[] args) {
15         Scanner scanner = new Scanner(System.in);
16
17         System.out.println("Enter Employee Information:");
18         System.out.print("Employee ID: ");
19         int empId = scanner.nextInt();
20         scanner.nextLine();
21         System.out.print("Employee Name: ");
22         String name = scanner.nextLine();
23         System.out.print("Employee Salary: ");
24         double salary = scanner.nextDouble();
25
26         Employee employee = new Employee(empId, name, salary);
27         System.out.println("Income Tax(Employee): " + employee.calcTax());
28
29         System.out.println("\nEnter Product Information:");
30         System.out.print("Product ID: ");
31         int pid = scanner.nextInt();
32         System.out.print("Product Price: ");
33         double price = scanner.nextDouble();
34         System.out.print("Product Quantity: ");
35         int quantity = scanner.nextInt();
36
37         Product product = new Product(pid, price, quantity);
38
39         System.out.println("Sales Tax(Product): " + product.calcTax());
40
41         scanner.close();
42     }
43 }
```

terminated: D:\main\java\application\src\src\kiruba\logeshwaran\ipz\poc\plugins\org.eclipse.jdt.ui\newspet\src\main\src

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