

eclipse-workspace - JunitTestingAssignment1/src/TestingAssignment1/Item.java - Eclipse IDE

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- Sample1
- Sample module

```
1 package TestingAssignment1;
2
3 public class Item {
4     private String itemName;
5     private String itemno;
6     private int itemquantity;
7     private double price;
8
9
10    public Item( String itemName,String itemno,int itemquantity,double price)
11    {
12        this.itemName=itemName;
13        this.itemno=itemno;
14        this.itemquantity=itemquantity;
15        this.price=price;
16    }
17
18    public Item( String itemName,String itemno,int itemquantity)
19    {
20        this.itemName=itemName;
21        this.itemno=itemno;
22        this.itemquantity=itemquantity;
23        this.price=500;
24    }
25
26    public Item( String itemName,String itemno)
27    {
28        this.itemName=itemName;
29        this.itemno=itemno;
30        this.itemquantity=2;
31        this.price=500;
32    }
33
34
35    public String getItemName() {
36        return itemName;
```

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- Item
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 - price : d
 - Item(Str
 - Item(Str
 - getItem
 - setItem
 - getItem
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 - getItem
 - setItem
 - getPrice
 - setPrice
 - toString

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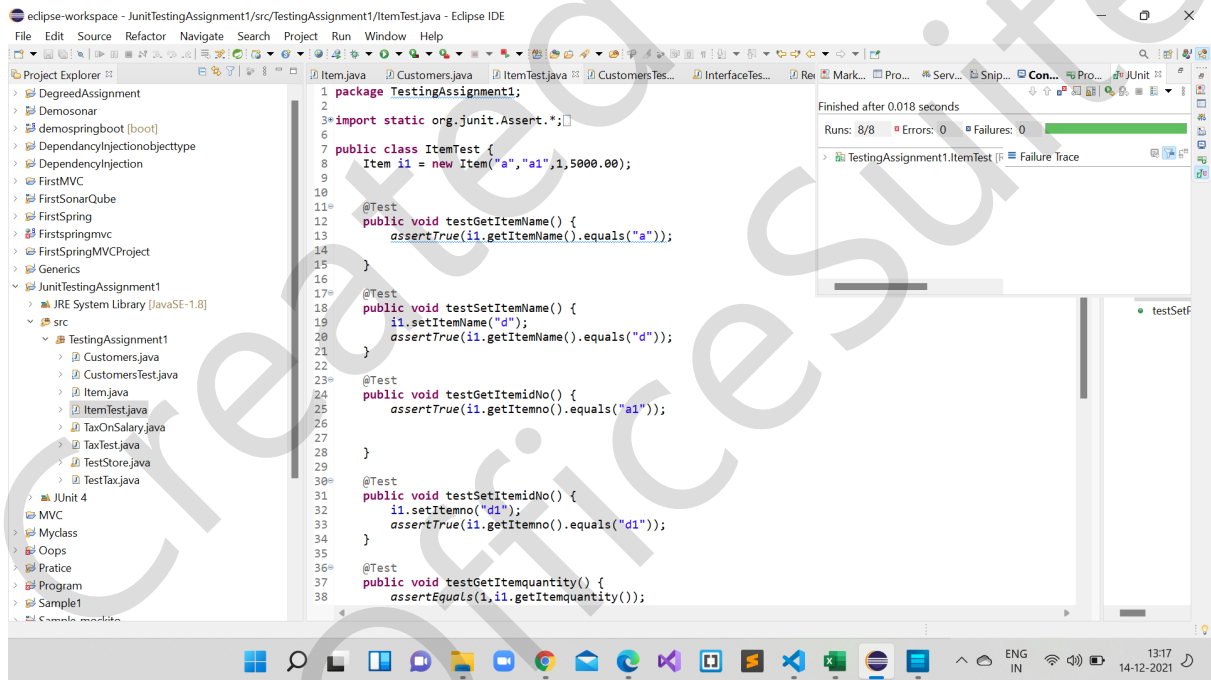
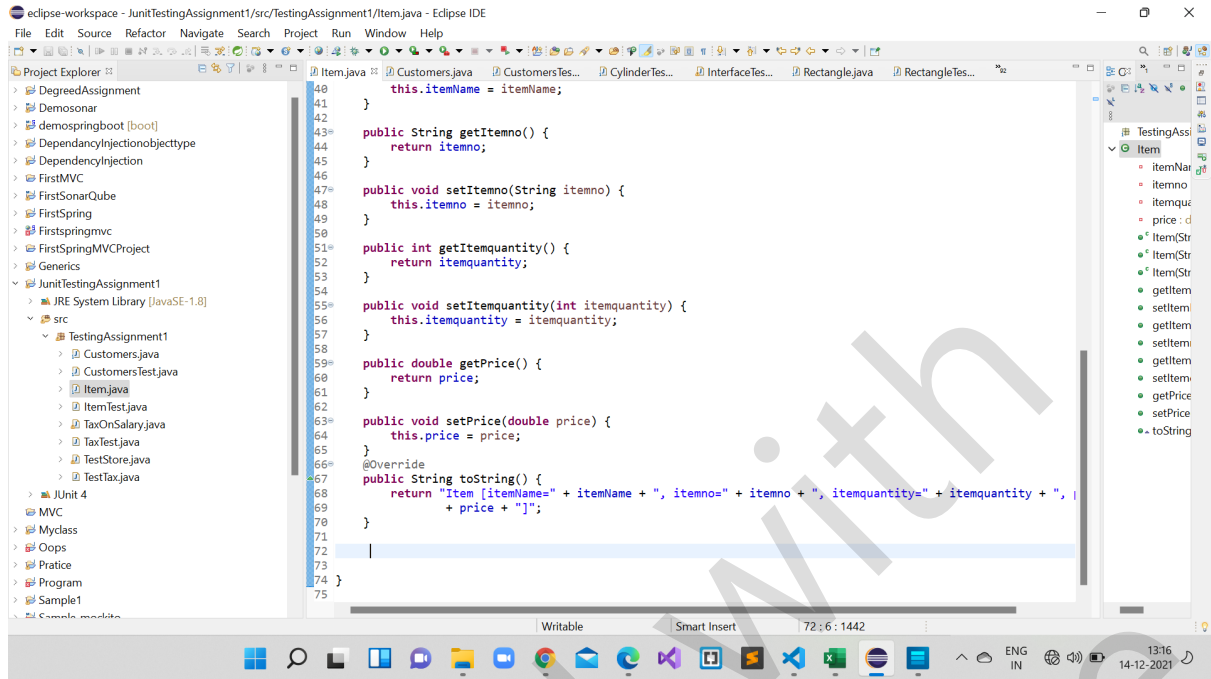
```
26 public Item( String itemName,String itemno)
27 {
28     this.itemName=itemName;
29     this.itemno=itemno;
30     this.itemquantity=2;
31     this.price=500;
32 }
33
34
35 public String getItemName() {
36     return itemName;
37 }
38
39 public void setItemName(String itemName) {
40     this.itemName = itemName;
41 }
42
43 public String getItemno() {
44     return itemno;
45 }
46
47 public void setItemno(String itemno) {
48     this.itemno = itemno;
49 }
50
51 public int getItemquantity() {
52     return itemquantity;
53 }
54
55 public void setItemquantity(int itemquantity) {
56     this.itemquantity = itemquantity;
57 }
58
59 public double getPrice() {
60     return price;
61 }
```

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eclipse-workspace - JunitTestingAssignment1/src/TestingAssignment1/TaxOnSalary.java - Eclipse IDE

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```
1 package TestingAssignment1;
2
3 import java.util.Scanner;
4
5 public class TaxOnSalary {
6     private double salary;
7     private boolean isPANsubmitted;
8     public void TaskOnSalary() {
9         this.salary = 0;
10        this.isPANsubmitted = false;
11    }
12    public void TaskOnSalary(boolean isPANsubmitted) {
13        this.salary = 1000;
14        this.isPANsubmitted = isPANsubmitted;
15    }
16    public double getSalary() {
17        return salary;
18    }
19    public boolean isPANsubmitted() {
20        return isPANsubmitted;
21    }
22    public void inputsalary() {
23        Scanner s1=new Scanner(System.in);
24        System.out.println("Enter the input salary");
25        this.salary=s1.nextDouble();
26    }
27
28    }
29    public double calculateTax()
30    {
31        if(salary<180000 && isPANsubmitted==true)
32        {
33            return 0;
34        }
35        else if(salary<180000 && isPANsubmitted==false )
36        {
```

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```
16 public double getSalary() {
17     return salary;
18 }
19 public boolean isPANsubmitted() {
20     return isPANsubmitted;
21 }
22 public void inputsalary() {
23     Scanner s1=new Scanner(System.in);
24     System.out.println("Enter the input salary");
25     this.salary=s1.nextDouble();
26 }
27
28 }
29 public double calculateTax()
30 {
31     if(salary<180000 && isPANsubmitted==true)
32     {
33         return 0;
34     }
35     else if(salary<180000 && isPANsubmitted==false )
36     {
37         return 0.05*salary;
38     }
39     else if(salary<500000 && salary >= 180000)
40     {
41         return 0.1*salary;
42     }
43     else if(salary<1000000 && salary >= 500000)
44     {
45         return 0.2*salary;
46     }
47     else
48     {
49         return 0.3*salary;
50     }
51 }
```

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