

PT

The screenshot shows the Eclipse IDE with a project named 'ex1'. The 'Project Explorer' on the left shows the project structure. The 'Main' editor displays the file 'ptr.java' with the following code:

```

1 import static org.junit.Assert.assertTrue;
2 import java.util.Scanner;
3 class ptr
4 {
5     public static void main(String[] args)
6     {
7         Scanner sc=new Scanner(System.in);
8         float P=sc.nextFloat();
9         float R=sc.nextFloat();
10        float T=sc.nextFloat();
11        float SI = (P * T * R) / 100;
12        System.out.println("Simple interest = " + SI);
13        assertTrue(3600==SI);
14    }
15 }
16
17
18

```

The 'Console' at the bottom shows the output of the program:

```

13000
2
3
Simple interest = 780.0
Exception in thread "main" java.lang.AssertionError: null
    at org.junit.Assert.fail(Assert.java:58)
    at org.junit.Assert.assertTrue(Assert.java:27)
    at org.junit.Assert.assertTrue(Assert.java:35)
    at ptr.main(ptr.java:14)

```

The status bar at the bottom indicates the system temperature is 31°C, mostly clear, and the date is 02-05-2023.

R

The screenshot shows the Eclipse IDE with the same project 'ex1' and file 'ptr.java'. The code is identical to the previous screenshot:

```

1 import static org.junit.Assert.assertTrue;
2 import java.util.Scanner;
3 class ptr
4 {
5     public static void main(String[] args)
6     {
7         Scanner sc=new Scanner(System.in);
8         float P=sc.nextFloat();
9         float R=sc.nextFloat();
10        float T=sc.nextFloat();
11        float SI = (P * T * R) / 100;
12        System.out.println("Simple interest = " + SI);
13        assertTrue(3600==SI);
14    }
15 }
16
17
18

```

The 'Console' at the bottom shows the output of the program:

```

45000
4
Simple interest = 3600.0

```

The status bar at the bottom indicates the system temperature is 31°C, mostly clear, and the date is 02-05-2023.