

Aim: Write a program that calculates the simple interest based on the percentage rate conditions and verify using assert true code

Program:

```
import static org.junit.Assert.*;
import java.util.Scanner;
class interest
{
    public static void main(String[] args)
    {
        Scanner sc = new Scanner(System.in);
        float P = sc.nextFloat();
        float R = sc.nextFloat();
        float T = sc.nextFloat();
        float SI = (P * T * R) / 100;
        System.out.println("Simple interest = " + SI);
        assertTrue(3600 == SI);
    }
}
```

Output:

Input

600
600
1

Actual output

Simple interest = 3600

Input

600
60
1

Actual output

Simple interest = 1080