

```
1 //8. Create a program to calculate simple interest
  . //
2 import java.util.Scanner;
3
4 public class SimpleInterestCalculator {
5     public static void main(String[] args) {
6         Scanner scanner = new Scanner(System.in);
7
8         System.out.print("Enter principal amount: ");
9         float principal = scanner.nextFloat();
10
11         System.out.print("Enter annual interest rate
    (in percentage): ");
12         float rate = scanner.nextFloat();
13
14         System.out.print("Enter time (in years): ");
15         float time = scanner.nextFloat();
16
17         float simpleInterest = (principal * rate *
    time) / 100;
18
19         System.out.println("Simple Interest: " +
    simpleInterest);
20
21         scanner.close();
22     }
23 }
24
25
```