ICSE J

Java for Class X Computer Applications

Java Program to calculate Simple Interest

Given below is a Java program to calculate simple interest.

```java
public class SimpleInterest {

    public void calculate(int principal, int time, int rate) {
        double interest = principal * time * rate / 100;
        double amount = principal + interest;
        System.out.println("Interest is " + interest);
        System.out.println("Amount is " + amount);
    }
}
```

The method calculate takes three inputs – principal, tiem and rate of interest. Interest is calculated using the formula ptr/100 and stored in the variable interest. The total amount is found by adding interest to principal.

Sample Execution :

Input:
principal = 3400
time = 3
rate = 7

Output :
Interest is 714.0
Amount is 4114.0