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/*
    Div-A(FY.IT)
    Date:20-12-21
    1. Write a functions in java to calculate simple interest and
    compound interest
*/
import java.util.*;
public class P7A1 {
    public static void compound()
    {
        System.out.println("Calculation for Coumpound interest.");
        Scanner dis=new Scanner(System.in);
        System.out.print("Enter Amount=");
        int A=dis.nextInt();
        System.out.print("Enter rate of intrest=");
        double r=dis.nextInt();
        System.out.print("Enter Time=");
        int t=dis.nextInt();
        double CI;
        CI=A*(1+r/100)*t;
        System.out.println("Coumpound interst is "+CI);
    }
    public static void simple()
    {
        System.out.println("Calculation for simple interest.");
        Scanner dis=new Scanner(System.in);
        System.out.print("Enter Amount=");
        int A=dis.nextInt();
        System.out.print("Enter rate of intrest=");
        double r=dis.nextInt();
        System.out.print("Enter Time=");
        int t=dis.nextInt();
        double SI=A*(1+r*t);
        System.out.println("Simple interest is "+SI);
    }

    public static void main(String[] args) {
        compound();
        simple();
    }
}

```