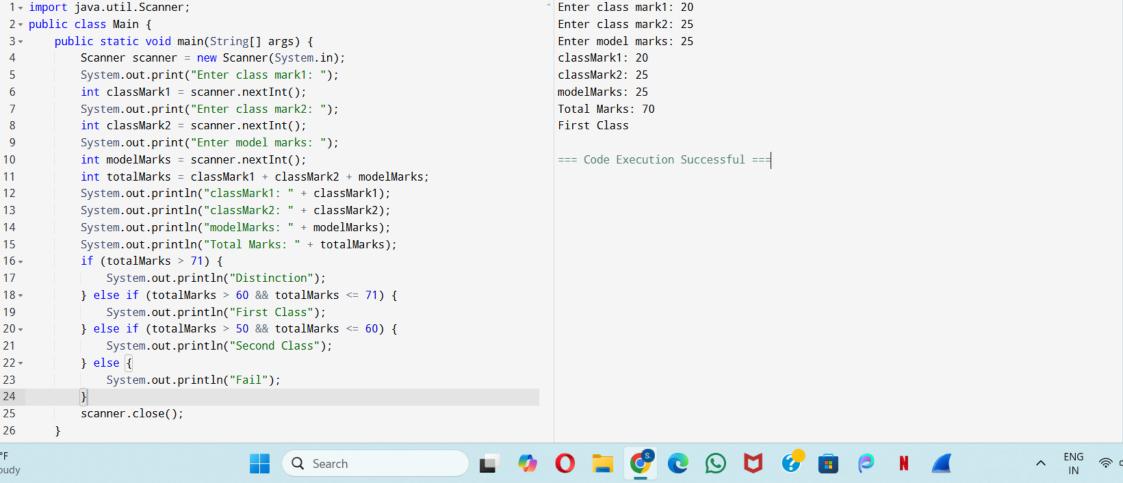
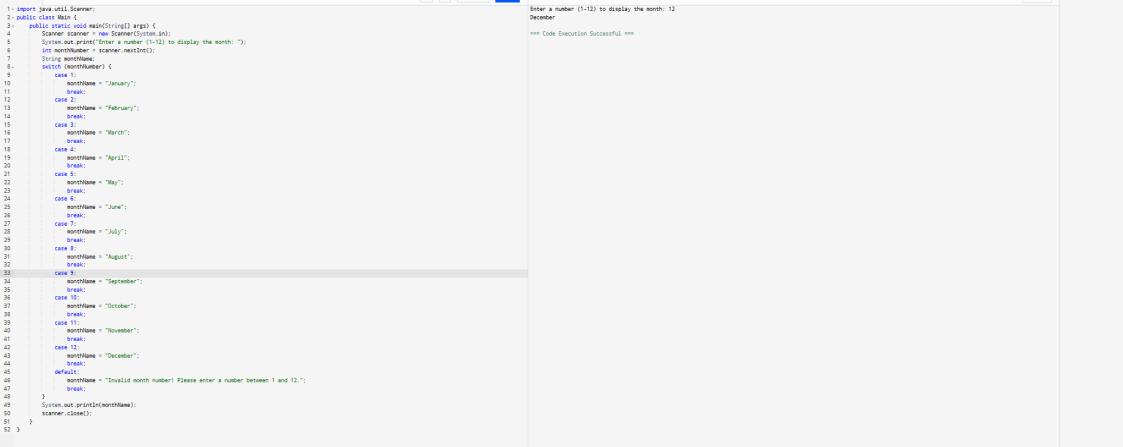
```
1 → import java.util.Scanner;
                                                                                      enter the value of net salary
2 public class Main
                                                                                      51000
                                                                                      net salary:51000.0
3 - {
       public static void main(String[] args)
                                                                                      tax detucted:5100.0
4
                                                                                      convience allowance: 15300.0
5 +
           Scanner scanner=new Scanner(System.in);
                                                                                      final salary:61200.0
6
           System.out.println("enter the value of net salary");
           double netsalary=scanner.nextDouble();
                                                                                      === Code Execution Successful ===
           double detucted=0;
           double convienceallowance=0;
10
           if(netsalary>50000)
               detucted=netsalary*0.10;
               convienceallowance=netsalary*0.30;
14
15
           double finalsalary=netsalary-detucted+convienceallowance;
16
           System.out.println("net salary:"+netsalary);
           System.out.println("tax detucted:"+detucted);
18
           System.out.println("convience allowance:"+convienceallowance);
           System.out.println("final salary:"+finalsalary);
```



1 → impo	ort java.util.Scanner;	Enter a string: niha	
2 → public class Main{		Reversed String: ahin	
3 *	<pre>public static void main(String[] args) {</pre>	Length of String: 4	
4	<pre>Scanner scanner = new Scanner(System.in);</pre>	Upper Case: NIHA	
5	<pre>System.out.print("Enter a string: ");</pre>	Lower Case: niha	
6	<pre>String input = scanner.nextLine();</pre>		
7	<pre>String reversed = new StringBuilder(input).reverse().toString();</pre>	=== Code Execution Successful ===	
8	<pre>int length = input.length();</pre>		
9	<pre>String upperCase = input.toUpperCase();</pre>		
10	<pre>String lowerCase = input.toLowerCase();</pre>		
11	<pre>System.out.println("Reversed String: " + reversed);</pre>		
12	<pre>System.out.println("Length of String: " + length);</pre>		
13	<pre>System.out.println("Upper Case: " + upperCase);</pre>		
14	<pre>System.out.println("Lower Case: " + lowerCase);</pre>		
15	scanner.close();		
16	}		
17 }			
18			

```
1 - import java.util.Scanner;
                                                                                      Enter the principal amount (P):
2 - public class Main {
                                                                                      20
        public static void main(String[] args) {
                                                                                      Enter the time period in years (T):
            Scanner scanner = new Scanner(System.in);
                                                                                      30
            System.out.println("Enter the principal amount (P): ");
                                                                                      Enter the annual interest rate in percentage (R):
            double principal = scanner.nextDouble();
            System.out.println("Enter the time period in years (T): ");
                                                                                      Simple Interest is: 240.0
            double time = scanner.nextDouble();
                                                                                      Enter the number of times the interest is compounded per year:
            System.out.println("Enter the annual interest rate in percentage (R): "
                                                                                      Compound Interest is: 1560321.3032249617
            double rate = scanner.nextDouble();
                                                                                      Total amount after 30.0 years: 1560341.3032249617
10
            double simpleInterest = (principal * time * rate) / 100;
            System.out.println("Simple Interest is: " + simpleInterest);
                                                                                      === Code Execution Successful ===
            System.out.println("Enter the number of times the interest is compounded
                per year: ");
14
            int n = scanner.nextInt();
            double compoundAmount = principal*Math.pow(1 + (rate/100) / n,n *time);
            double compoundInterest = compoundAmount-principal;
16
            System.out.println("Compound Interest is: " + compoundInterest);
            System.out.println("Total amount after " + time + " years: " +
                compoundAmount);
19
            scanner.close();
```



```
1 - import java.util.Scanner;
                                                                                      Enter first number:
2 - public class Main {
       public static void main(String[] args) {
                                                                                      Enter second number:
           Scanner scanner = new Scanner(System.in);
           System.out.println("Enter first number:");
                                                                                      The sum is: 9.0
           double n1 = scanner.nextDouble();
                                                                                      The subtraction is: 3.0
           System.out.println("Enter second number:");
                                                                                      The multiplication is: 18.0
           double n2 = scanner.nextDouble():
                                                                                      The division is: 2.0
           double sum = n1 + n2;
           System.out.println("The sum is: " + sum);
                                                                                      === Code Execution Successful ===
           double sub = n1 - n2;
           System.out.println("The subtraction is: " + sub);
           double mul = n1 * n2;
            System.out.println("The multiplication is: " + mul);
               double div = n1 / n2;
               System.out.println("The division is: " + div);
16
            scanner.close();
18
19 }
```