**EXPERIMENT NO.: 2**

**CODE:**

import java.util.Scanner;

public class expcalc

{

public static void main(String[] args) {

char operator;

int number1, number2, result;

Scanner input = new Scanner(System.in);

System.out.println("Choose an operator: +,-,\*, or /");

operator= input.next().charAt(0);

System.out.println("Enter first number");

number1 =input.nextInt();

System.out.println("Enter second number");

number2 =input.nextInt();

switch (operator) {

case '+':

result= number1 + number2;

System.out.println(number1+"+" + number2+"=" + result);

break;

case '-':

result =number1-number2;

System.out.println(number1+"-"+number2+"="+result);

break;

case '\*':

result = number1\*number2;

System.out.println(number1+"\*"+number2+"=" +result);

break;

case '/':

result = number1/number2;

System.out.println(number1 + "/" + number2 + " = " + result);

break;

default:

System.out.println("Invalid operator!");

break;

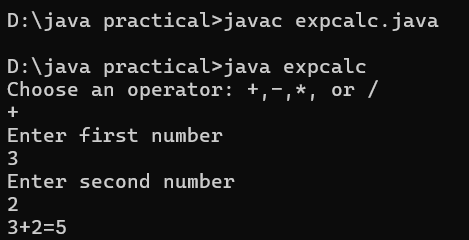
}

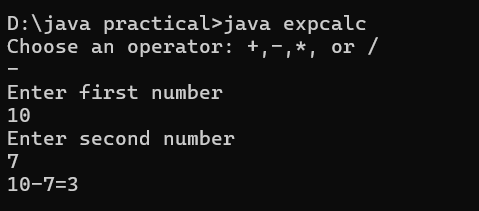
input.close();

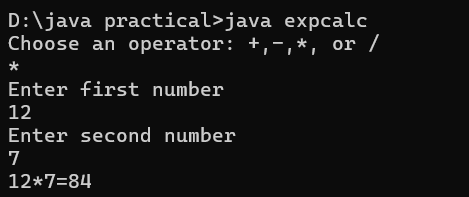
}

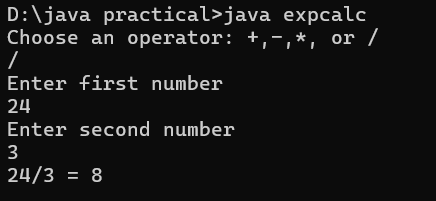
}

**OUTPUT:**

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