Laboratory Exercises 6
Java Selection Statements: Switch Statement

Name: Reimarc G. Corpuz   Date: 26/10/2021
Section: BSCPE 2GF   Score:_____

Write your answer on the space provided.

1. Write a program that will read any two distinct number and display either their

   sum, difference, product or quotient.
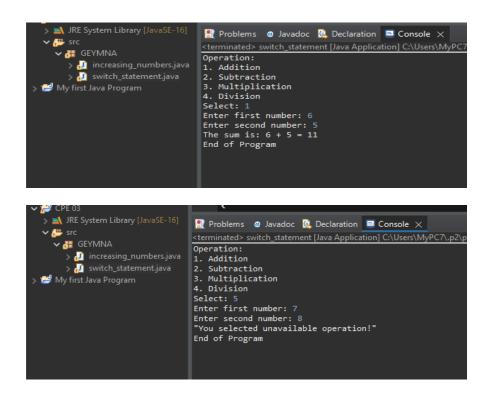

Write your design output here:

```
Operation:
1. Addition
2. Subtraction
3. Multiplication
4. Division
Select: 1
Enter first number: 6
Enter second number: 5
The sum is: 6 + 5 = 11
End of Program
```
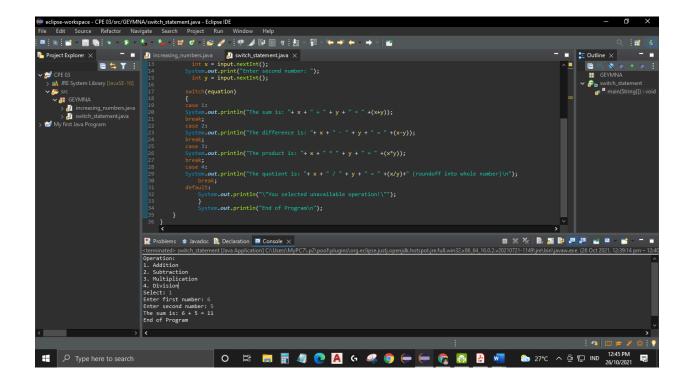
Answer program:

```java
import java.util.Scanner;
public class switch_statement
{
    public static void main(String [] args)
    {

        Scanner input = new Scanner(System.in);
        System.out.print("Operation: "+"\n1. Addition\n2. Subtraction\n3.
Multiplication\n4. Division\nSelect: ");
        int equation = input.nextInt();

        System.out.print("Enter first number: ");
        int x = input.nextInt();
        System.out.print("Enter second number: ");
        int y = input.nextInt();

        switch(equation)
        {
        case 1:
        System.out.println("The sum is: "+ x + " + " + y + " = " +(x+y));
        break;
        case 2:
        System.out.println("The difference is: "+ x + " - " + y + " = " +(x-y));
        break;
        case 3:
        System.out.println("The product is: "+ x + " * " + y + " = " +(x*y));
        break;
        case 4:
        System.out.println("The quotient is: "+ x + " / " + y + " = " +(x/y)+"
(roundoff into whole number)\n");
                break;
```

```java
        default:
            System.out.println "\"You selected unavailable operation!\"";

            System.out.println "End of Program\n";
        }
    }
```