

**TECHNOLOGICAL INSTITUTE OF THE PHILIPPINES**

**QUEZON CITY**

**COLLEGE OF COMPUTER STUDIES**

**ITE 012 - Computer Programming 2**

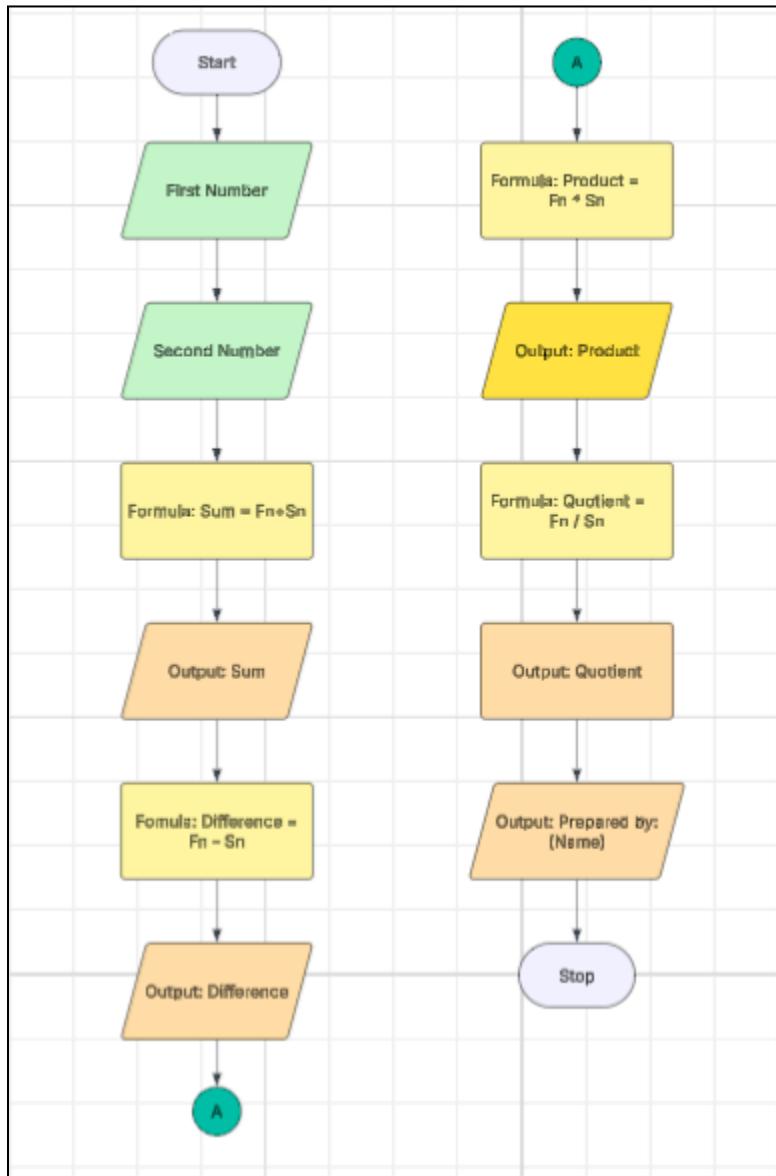
<b>Name:</b> Navarro, Aldred Zymeth P.	<b>Date:</b> December 18, 2025
<b>Course &amp; Section:</b> IT12S1	<b>Instructor:</b> Karen Joyce Ison
<b>Assessment Task:</b> Practice Exercise # 2 - Algorithm and Flowcharting	

**Solution:**

**Algorithm:**

1. **Start**
2. **Input** First number (Fn)
3. **Input** Second number (Sn)
4. **Process** Sum = Fn + Sn
5. **Print** Sum
6. **Process** Difference = Fn - Sn
7. **Print** Difference
8. **Process** Product = Fn \* Sn
9. **Print** Product
10. **Process** Quotient = Fn/Sn
11. **Print** Quotient
12. **Print** Prepared by: ( your name )
13. **Stop**

## Flowchart:



**Program Code:**

```
import java.util.Scanner;

public class Main {
    public static void main (String[] args){
        Scanner scanner = new Scanner(System.in);

        System.out.print("Enter First Number: ");
        int firstNum = scanner.nextInt();

        System.out.print("Enter Second Number: ");
        int SecondNum = scanner.nextInt();

        int Sum = firstNum + SecondNum;
        System.out.println("Sum: " + Sum);

        int Difference = firstNum - SecondNum;
        System.out.println("Difference: " + Difference);

        int Product = firstNum * SecondNum;
        System.out.println("Product: " + Product);

        int Quotient = firstNum / SecondNum;
        System.out.println("Quotient " + Quotient);

        System.out.println("Prepared By: Aldred Zymeth P. Navarro ");
    }
}
```

**Output:**

```
Enter First Number: 12
Enter Second Number: 12
Sum: 24
Difference: 0
Product: 144
Quotient 1
Prepared By: Aldred Zymeth P. Navarro

...Program finished with exit code 0
Press ENTER to exit console.
```

### **Honor Pledge**

**"I affirm that I have not given or received any unauthorized help on this assignment and that this work is my own".**