Day 16:

**Algorithm and Flowchart for Addition program:**

**Algorithm:**

**Step 1:** Start

**Step 2:** Declare variables num1, num2, and sum.

**Step 3:** Read the values for num1 and num2.

**Step 4:** Add num1 and num2 and assign the result to sum.

**Step 5:** Display sum.

**Step 6:** Stop.

**Flowchart:**



**Java Program:**

**package** com.naveen.day 16;

**import** java.util.Scanner;

**public** **class** Addition {

**public** **static** **void** main(String[] args) {

**int** num1, num2;

System.***out***.println("Enter num1 : ");

Scanner sc = **new** Scanner(System.***in***);

num1 = sc.nextInt();

System.***out***.println("Enter num2 : ");

num2 = sc.nextInt();

**int** sum = num1 + num2;

System.***out***.println("Addition : " + sum);

sc.close();

}

}