**ALGORITHM**

1. **Addition of Two Numbers**

**Step 1:** Start

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

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

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

**Step 5:** Display sum.

**Step 6:** Stop. 

**FLOWCHART**

**PROGRAM :**

**package com.shiva.day16;**

**import java.util.Scanner;**

**public class AlgorithmAddtwoNumbers {**

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

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

**System.*out*.println("Enter the first value");**

**int num1=sc.nextInt();**

**System.*out*.println("Enter the second value");**

**int num2=sc.nextInt();**

**int sum=num1+num2;**

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

**}**

**}**