**1) Algorithm - For adding two numbers entered by the user**

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 for adding two numbers:**

**Coding:**

package com.madhan.day16;

import java.util.Scanner;

public class UsingAlgorithmAddtwonumbers {

public static void main(String[] args) {

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

int sum;

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

int num1=sc.nextInt();

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

int num2=sc.nextInt();

sum=num1+num2;

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

}

}