**Algorithm -Example-1**

**Add two numbers entered by the user :**

**Step 1:**Start

**Step 2:**Declare variables num1,num2,and num3

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

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

**Step 5:**Display Sum

**Step 6:**Stop.

**Flow Chart:**

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**Program:**

**package AlgorithmFlowchart;**

**import java.util.Scanner;**

**public class ex1 {**

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

**// TODO Auto-generated method stub**

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

**int sum;**

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

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

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

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

**sum=a+b;**

**System.*out*.println("Sum value"+a+""+"is"+sum);**

**}**

**}**