**Q1.Adding 2 numbers which were entered by the user.**

**Algorithm.**

**Step:1** - Start.

**Step:2** - Declare variables a,b and sum.

**Step:3** - Get the values for a and b from the user.

**Step:4** - Add a and b and assign it to variable sum.

**Step:5** - Display the sum.

**Step:6** - Stop.

**FlowChart:**



**Code:**

**import java.util.Scanner;**

**public class Ex1 {**

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

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

**int a,b;**

**int sum;**

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

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

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

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

**sum=a+b;**

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

**}**

**}**