**Algorithm:**

**1. Display sum of two integers**

Step1: Strat

Step2: Declare variables num2, num2 & sum.

Step3: Read num1 and num2

Step4: Calculate sum using formula: sum=num1+num2

Step5: Print sum

Step6: Stop

**Flowchart:**

Star Step1: Start

Step2: Declare variables num=1

Step3: Print num

Step4: Repeat the step 3 until number < 100

Step5: num=num+1

Step6: Stopt

Stop

Print sum

Sum=num1+num2

Read num1 & num2

Declare num1, num2 & sum

**Algorithm:**

**2. Display numbers from 1 to 100**

Step1: Start

Step2: Declare variables num=1

Step3: Print num

Step4: Repeat the step 3 until number < 100

Step5: num=num+1

Step6: Stop

**Flowchart:**

Num=1

Print num

Star Step1: Start

Step2: Declare variables num=1

Step3: Print num

Step4: Repeat the step 3 until number < 100

Step5: num=num+1

Step6: Stopt