**6 BASIC SYMBOLS USED IN FLOWCHART**

INDICATES THE STARTING AND ENDING OF THE PROGRAM

USED FOR INPUT OUTPUT OPERATION

PROCESS

DECISION

CONNECTOR

CONTROL FLOW

**1.FIND THE SUM OF FOUR NUMBERS**

**Pseudo code**

Start

Initialize sum=0 and count =0

Enter n

Find sum+n and assign it to sum and

then increment count by 1

Is count <4

If YES go to step 2

Else

Print sum

Stop

**FLOWCHART:**

Is count <4

stop

Print sum

Sum=sum+n

Count=count+1

Enter n

Sum=0

Count=0

Start

**2.CHECK THE RESULTS**

**PSEUDO CODE:**

**BEGIN**

**DECLARE grade as integer**

**PRINT(“Enter your grade”)**

**Input grade**

**IF grade>40**

**THEN PRINT(“you have passed”)**

**ELSE PRINT(“you have failed”)**

**FLOWCHART:**

START

INPUT

marks

IF marks>

40

OUTPUT

OUTPUT

(“Pass”)

STOP

**3.FACTORIAL OF A NUMBER**

**START**

**READ N**

**F=1,J=1;**

**WHILE I<=N**

**F=F\*I**

**I=I\*1;**

**END WHILE;**

**DISPLAY F;**

**STOP;**

**FLOWCHART**

stop

Display f

i++

F=f\*i

i<=n

F=1,i=1

Read n

start

False

**4.CONVERT CELSIUS INTO**

**FAHRENHEIT**

Pseudo code

START

READ TEMP IN C

COMPUTE THE F VALUE

F=(9\*C)/5+32

PRINT TEMP IN F

STOP

FLOWCHART:

START

PRINT TEMP IN F

F=(9\*C)/5+32

READ TEMP IN C

STOP

**5.DISPLAY THE SQUARE OF FIRST 10**

**POSITIVE INTEGERS**

Pseudo code

FOR i equals 1 to 10

DISPLAY i times i

END FOR

FLOWCHART

Start

i=1

i=i+1

i<=10

Display i\*i

stop

true

false