**UNIT :SMA2175- COMPUTER PROGRAMMING I**

**TITLE: ASSIGNMENT 1**

**GROUP MEMBERS**

| | |
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Algorithm to output the number of integers between two numbers:
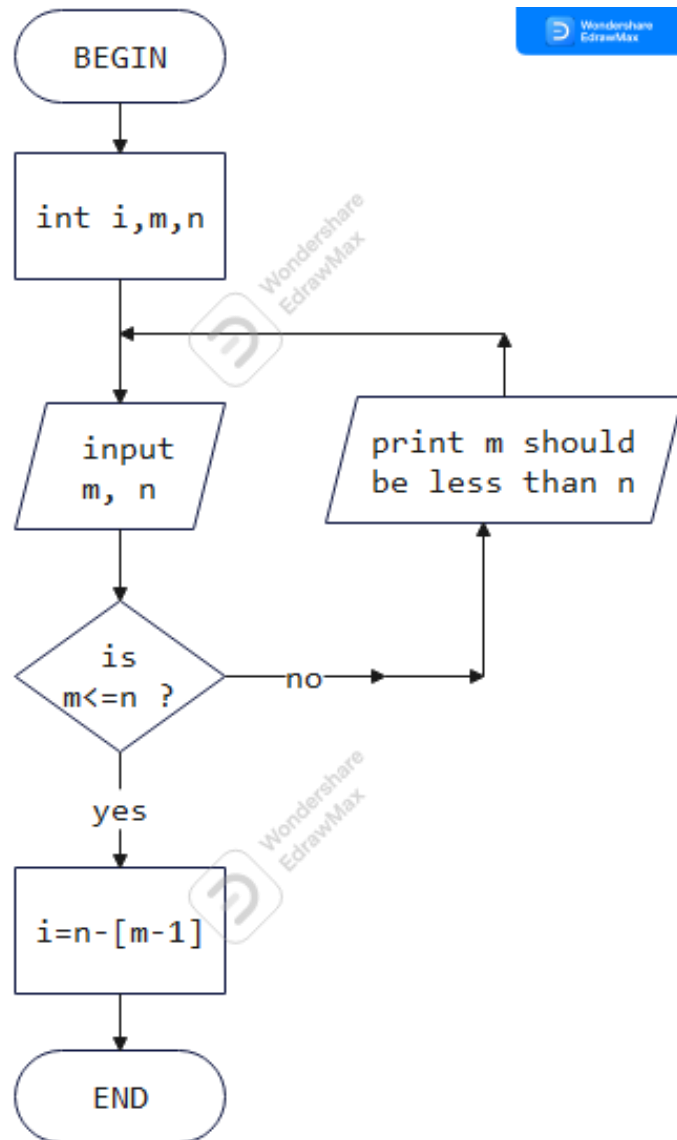


Pseudocode:

```
START
INITIALIZE i, m, n
INPUT m, n
IF (m<=n)
    i=n-(m-1)
ELSE
    print("m should be less than n")
ENDIF
STOP
```
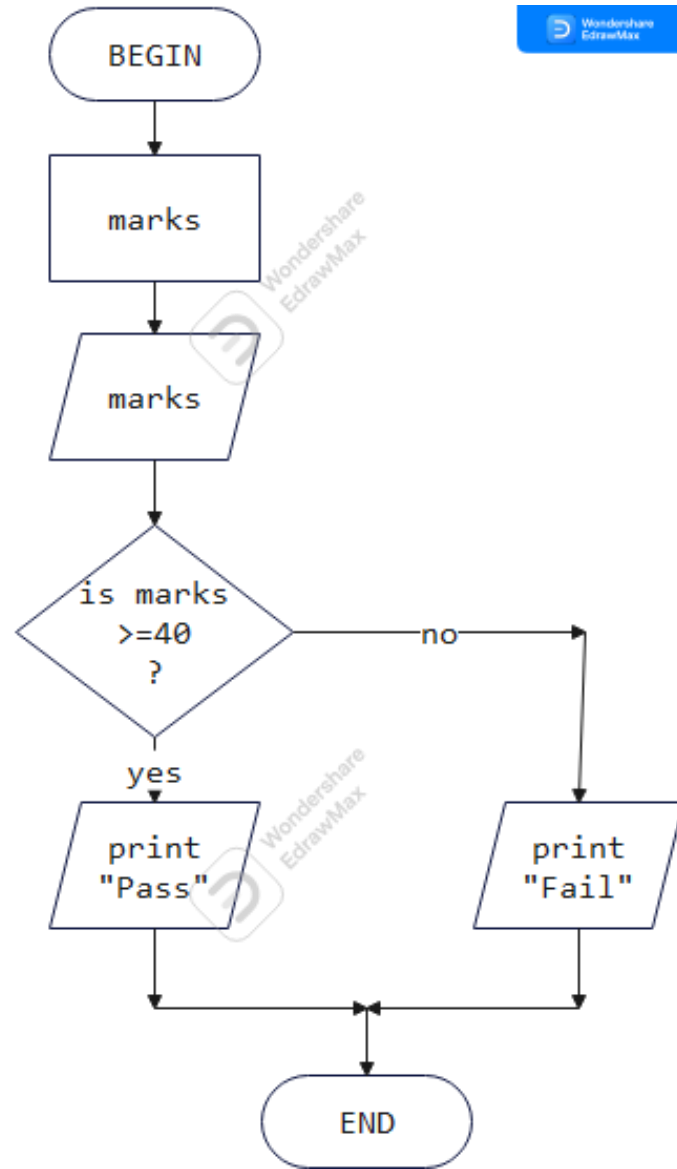
# Algorithm to print a text n number of times
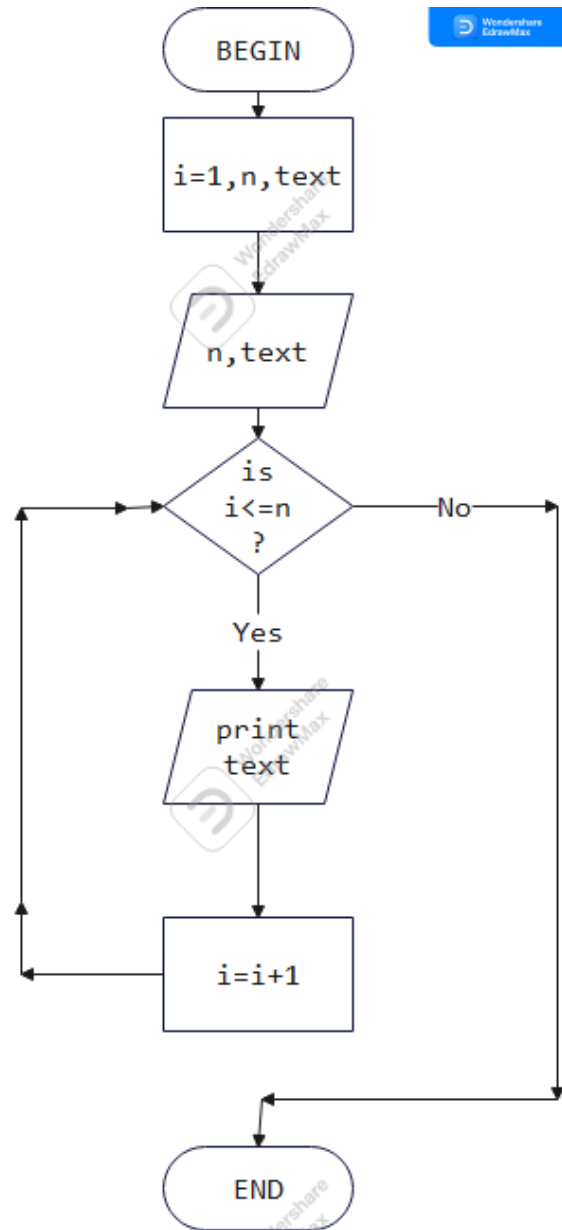


```
START
  INITIALIZE i, n, text
  SET i =1
  INPUT n, text
  FOR (i=1, i<=n, i++)
    OUTPUT text
  ENDFOR
STOP


START
  INITIALIZE i, n, text
  INPUT n, text
  FOR i=1 to n
    OUTPUT text
  ENDFOR
STOP
```

# Algorithm to implement a grading system

BEGIN

marks

marks

is marks >=40 ?

no

yes

print "Pass"

print "Fail"

END

```
START
INITIALIZE marks
INPUT marks
IF marks>=40
    print("Pass")
ELSE
    print("Fail")
ENDIF
STOP
```