

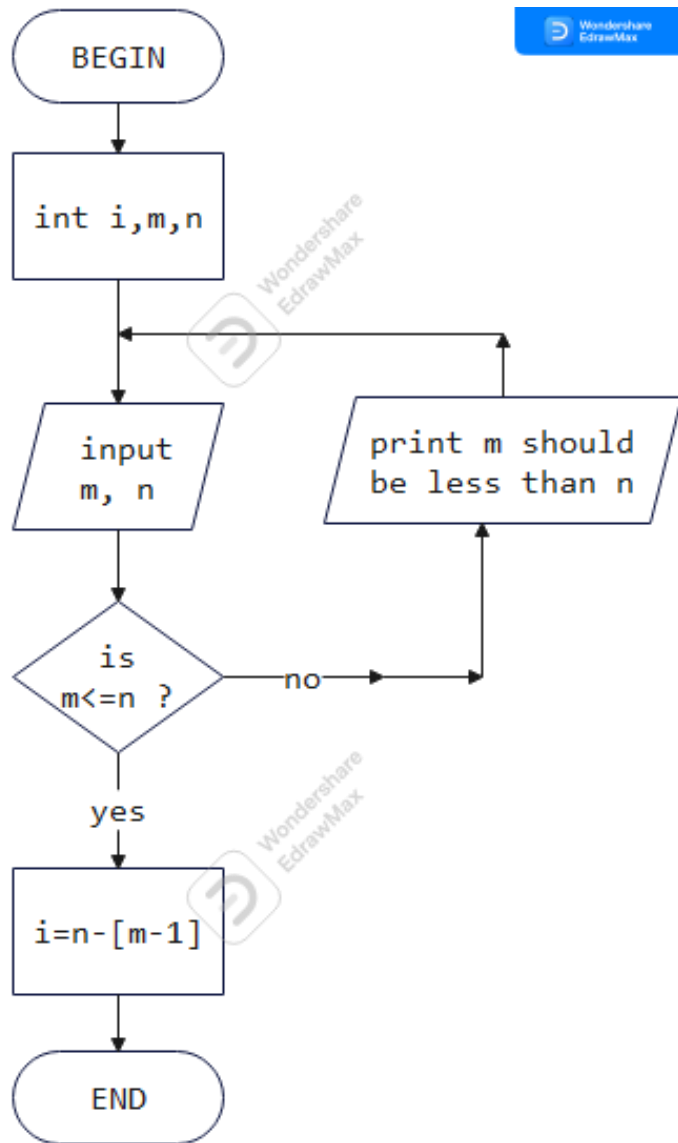
UNIT :SMA2175- COMPUTER PROGRAMMING I

TITLE: ASSIGNMENT 1

GROUP MEMBERS

JERRY KICHE	ENE211-0261/2021
ELI LEKAKENY	ENE211-0047/2021
LATIFAH MORRID	ENE211-0023/2021
ALVIN ISRAEL	ENE211-0249/2021
ENDRIAN MWANGI	ENE211-0011/2021
VICTOR MULI	ENE211-0263/2021

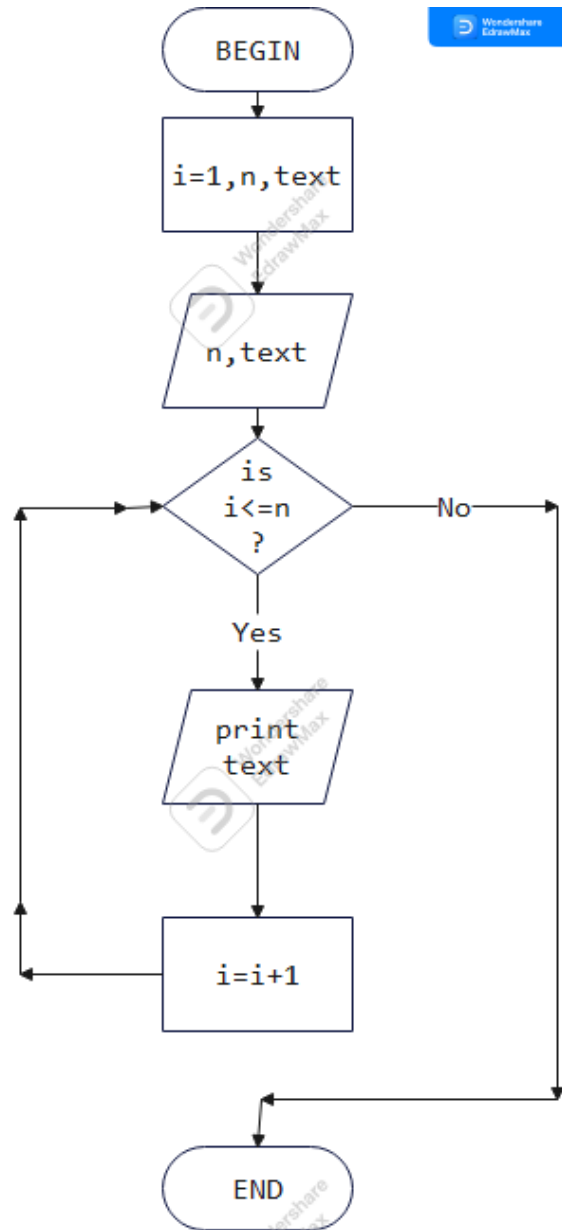
Algorithm to output the number of integers between two numbers:



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
```

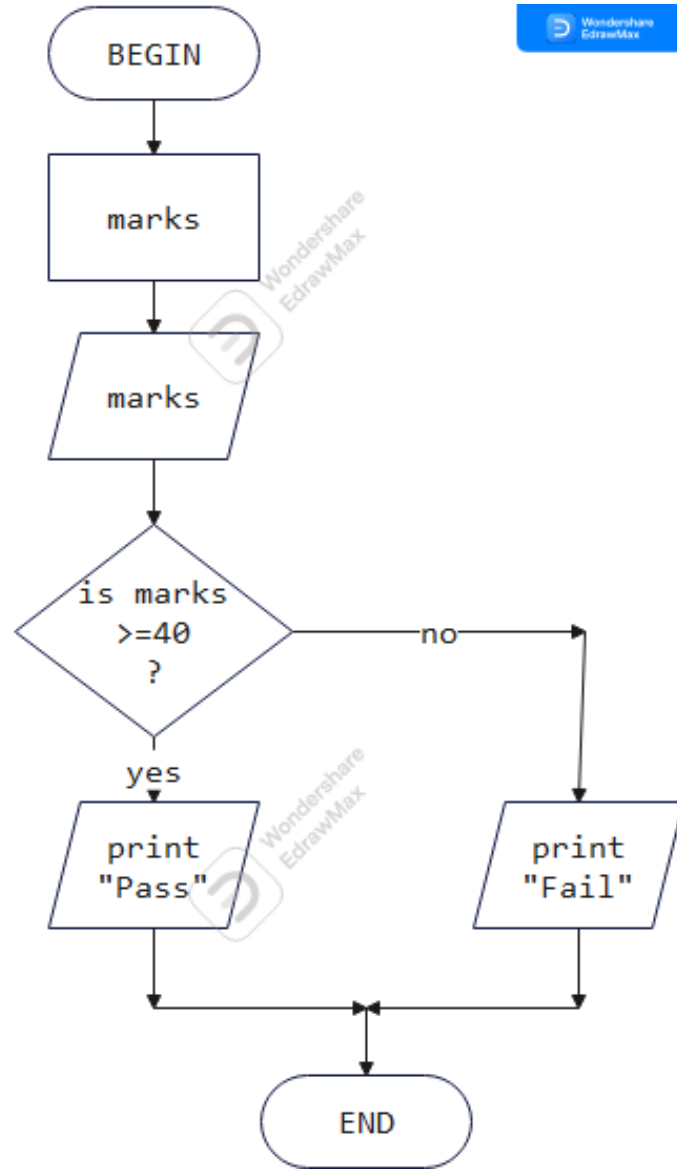
Algorithm to print a text n number of times



```
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



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