

Algorithm Problems.

Date 20
MTWTFSS

- ① Control module
- ② INPUT N number
- ③ INPUT n number
- ④ Divide n by N
- ⑤ Check if N th is a divisor of n number
- ⑥ Answer of $\frac{n}{N}$, ~~divide~~ divide by 2:
- ⑦ If remainder N zeros print even or else print odd.
- ⑧ Stop

- ① Control Module
- ② If input is 1 display "Jan"
- ③ If input is 2 display "Feb"
- ④ If input is 3 display "Mar"
- ⑤ If input is 4 display "Apr"
- ⑥ If input is 5 display "May"
- ⑦ If input is 6 display "June"
- ⑧ If input is 7 display "July"
- ⑨ If input is 8 display "Aug"
- ⑩ If input is 9 display "Sep"
- ⑪ If input is 10 display "Oct"
- ⑫ If input is 11 display "Nov"
- ⑬ If input is 12 display "Dec"
- ⑭ INPUT ANY Number between 1-12 and display the appropriate month.
- ⑮ End.

PF Lab02 Algorithm Task.

Date _____ 20____
MTWTFSS

- 1) Control Module
- 2) ~~INPUT a number~~
- 2) If user wants to "sum" numbers use "+" operator
- 3) If user wants to subtract numbers use "-" operator
- 4) If user wants to "multiply" numbers use "*" operator.
- 5) If user wants to find "percentage" then use "%" operator.
- 6) If user wants to "divide" numbers then use "/" operator.
- 7) INPUT any two or more numbers.
- 8) INPUT ^{simple} operation. ~~for~~ ~~(E)~~
- 9) Perform the operation ~~cho~~ given in input.
10. End.

Pseudocode.

①

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MTWTFSS

Start

INPUT num 1

INPUT num 2

INPUT num 3

MAX NUM \leftarrow 0

IF num 1 > num 2 and num 1 > num 3 Then

MAX NUM \leftarrow num 1

Else If

num 2 > num 1 and num 2 > num 3 Then

MAX NUM \leftarrow num 2

Else

MAX NUM \leftarrow num 3

PRINT MAX NUM

END

②

~~max num~~

②
START

INPUT a

INPUT b

INPUT c

SUM \leftarrow 0

IF $a > 0, b > 0, c > 0$ Then

SUM $\leftarrow a - (b * -1) - (c * -1)$

Else

SUM $\leftarrow -a - b - c$

PRINT SUM

END

③

START

INPUT a

INPUT b

INPUT c as '+' or '-'

SUM \leftarrow 0

DIFF \leftarrow 0

IF $c = +$ Then

SUM $\leftarrow a + b$

Else if

$c = -$ and $a > b$ Then

DIFF $\leftarrow a - b$

Else

DIFF $\leftarrow b - a$

PRINT DIFF

END