

# Real Time Group

מרכז להכשרות מקצועיות והשמה בתעשיית ההייטק

Write a program contains 3 files, ( main.c, calc.c, calc.h ):

int main.c, receive three variables ( declared in main() ),

**int x, y;**

**char ch;**

and the program must do the following:

call the suitable function of the value in ch, ch can be +,-,\*,/,%.

for Example:

ch => +

the add() func will be called

and so on....

calc.h: will contain the declaration of the functions.

void add(..., ...); ==> the print of the result will be in the **function()**.

int sub(..., ...); ==> the print of the result will be in the **main()**.

void mul(..., ...); ==> the print of the result will be in the **main()**.

void mod(..., ...); ==> the print will be in the **function()**.

Void div(..., ...); ==> the print will be in the **main()**.

void avg(..., ...); ==> this function must do two things,

1. calculate the **average** of x and y -->  $((x+y)/2)$

2. calculate the **tripleAvg** of x and y -->  $((x+y)/3)$

the print of the two results will be in the **main()**.

- Decide what variables you'll send to the functions.
- You can add variables of your own.
- In every time you run the program, you have to print the tripleAvg and the Avg.

calc.c: will contain the implementation of the functions declared in **calc.h**

Best Of Luck !...

Real-Time Group

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