

Problems set.02

DEADLINE: Tue, Feb 24

01.

Write a C code to calculate employee salary in a week based on his working hours, hour rate is **50**.

The program will ask the user to enter the working hours, then it will print his salary. But if the working hours are **less** than **40** hours, a **10%** deduction will be applied.

02.

Write a C code that asks the user to enter a number and check if it is an **Even** or **Odd**.

03.

Write a C code that asks the user to enter his ID and then the program will print his name.

Available IDs are: (1234 -> Harry), (5678 -> Ron), (1145 -> Hermione)

Any other number, the program will print "**Wrong ID**".

04.

Write a C code that asks the user to enter his grade and the program will print his rating. (Excellent, very good,...,etc). %-based system

05.

Write a C code that asks the user to enter 3 numbers, the program will print the maximum number of them.

06.

Write a C code that asks the user to enter the result of 3×4 , In case the user entered the correct answer the program will print "**Thanks**", otherwise the program will print "**Try again**" until the user enters the correct answer.

07.

Write C code to read 10 numbers from the user and find their **summation** and **average**.

08.

Write a C code to display the **multiplication table** of a given integer by the userl.

09.

Write a C to calculate the **factorial** of an integer entered by the user using a **while** loop.

10.

Write a C that asks the user to enter his ID and his password, if the ID is correct the system will ask the user to enter his password up to **3 times**, if he enters the password right the system **welcomes him**, if the three times are incorrect, the system prints "**No more tries**". The system prints "**You are not registered**" on every wrong try. (Login code)

11.

Write a c code that draws a pyramid of stars with height entered by the user. (equilateral)

—Your files in (.c) extension. Name Your files like this (1.c, 2.c, 3.c, ..., etc)

Note: Make a folder called "W.02" and upload your files on it :), also upload a print screen of the output.