



Computer Science Department

COMP1310 Fall2024

Assignment N°3 Due Date: Monday 16/12/2024 (on Moodle)

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Type and turn in a complete C program to solve the following problem:

Your program should enable the user enter the amount of hours worked (عدد ساعات العمل), then calculates and prints the Salary (الراتب حسب عدد الساعات) To the screen and write the Salary to a file called (Sal.txt).

When the user enters the amount, the program should display a menu as below, (**using a function called printMenu**) allowing to choose a choice; option 1: calculate Salary for the employee (using a **function called calculateSalary**) and write the salary into the file **from the main function**, option 2: exit

The program should first ask the user to enter a number then display the following menu:

**1 – cal\_Salary.**

**2 – Exit.**

**.....enter your choice**

The price of one hour is calculated as follows:

- 1 to 8 hours: 1.5 \$
- > 8 hours : 2.5 \$

**Example:** if the user enter 13, if chose 1 the program will display 24.5\$ to the screen and writes 24.5\$ into the file . If chose 2 the program will exit. The display of the results should be from the main function.

**More detailed example:**

The user enters 13.

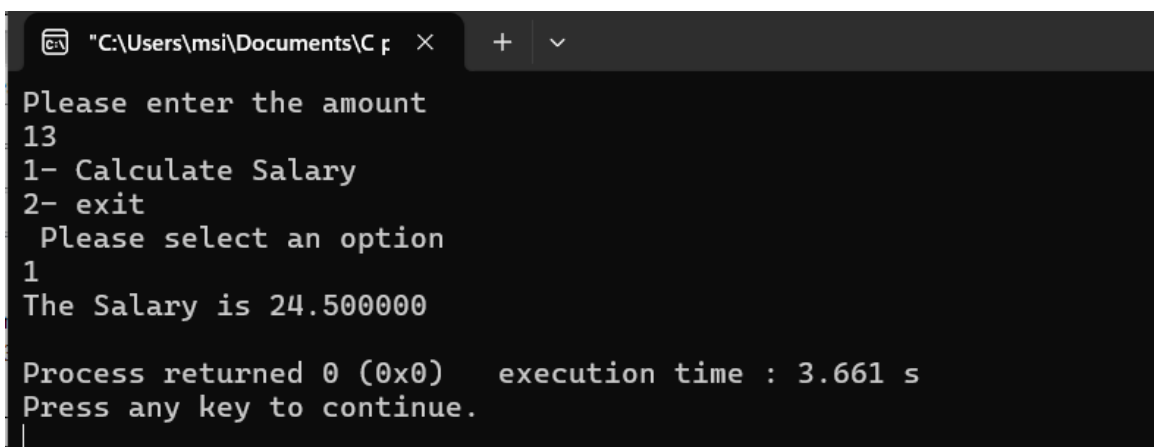
The user selects 1: the program will print the Salary for (13 hours) and prints 24.5\$ to the screen and to the file.

The user selects 2: the program will exit

**You can find a running of the example on the last page.**

Notes:

1. This assignment should be **TYPED** and should be submitted on ITC (Moodle) meta course on [Assignment Three](#) before the deadline. Please submit the **main.c file**.  
**Submissions not sent as specified above will not be considered.** Due date is **Monday 16 December 2024.**
2. Please don't send your assignment as a message to your instructor.
3. **Late and Hand written** assignments will not be accepted.
4. The assignments are *individual* effort and **copying the assignment will be treated as a cheating attempt**, which may lead to *FAILING* the course.



```
"C:\Users\msi\Documents\C p" × + v
Please enter the amount
13
1- Calculate Salary
2- exit
Please select an option
1
The Salary is 24.500000

Process returned 0 (0x0)   execution time : 3.661 s
Press any key to continue.
```