Salary Calculator

This program calculates the total salary of a worker for a week, based on the number of hours worked. The program takes the number of hours worked as input from the user and calculates the total salary as follows:

* If the number of hours worked is less than or equal to the regular working hours per week, then the total salary is equal to the regular salary.
* If the number of hours worked is greater than the regular working hours per week, then the total salary is equal to the regular salary plus the overtime salary.

The overtime salary is calculated by multiplying the number of overtime hours worked by the overtime rate. The overtime rate is 1.5 times the regular salary.

## Program usage

To use the program, compile it using the following command:

**gcc -o salary salary.c**

Then, run the program using the following command:

**./salary**

The program will prompt you to enter the number of hours you worked. Enter the number of hours and press Enter. The program will then print the total salary to the console.

## Notes

* The program uses the **const** keyword to declare the variables **salary** and **regular\_working\_hours\_a\_week**. This means that the values of these variables cannot be changed during the execution of the program.
* The program uses the **if...else** statement to calculate the total salary based on the number of hours worked.
* The program uses the **scanf()** and **printf()** functions to read input from the user and print output to the console.
* The program also uses the **main()** function as a recursive function to allow the user to run the program again.

## Example output

