

# C Programming

## Assignments\_8

*Eng: fahd badi*

# Exercise 1

Write a header file that provides the following functions like macros:

```
SET_BIT (VAR, BIT)  
CLR_BIT (VAR, BIT)  
TOG_BIT (VAR, BIT)  
GET_BIT (VAR, BIT)
```

# Exercise 2

Write a function like macro that returns the max of 2 numbers.

**Note:** don't use if .. else, you will instead use an operator that does that functionality.

# Exercise 3

Write C program without main function using preprocessor directives.

# Exercise 4

Write C program to print “Hello World” without semicolon:

- 1- Using if statement.
- 2- Using switch case.
- 3- Using loops (while and for);
- 4- Using macros.



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