

# Unleash the Bits!

## Target:

### Learn about:

- Defining and Using Functions in C
- Performing Arithmetic Operations with Numeric Variables in C.
- What is Recursion?
- Repeating Tasks with Recursion in C
- Types of Recursion.

## Resources:

1. [C Crash course](#) [English – Recommended]
2. [Neso Academy in C Programming](#) [Functions start with video no.61]
3. [Arabic C Programming tutorials](#)
4. [Recursion in C](#)
5. [W3shools in C](#)
6. [Deitel C How To Program 6th Edition](#)

## What To Do:

- Fill out this [Form](#) It's **MANDATORY**
- After watching above videos, Make your summary either hardcopy or softcopy as you prefer.
- Here are the problems you need to solve, [Problems](#).

## How to submit your task:

- Upload your task on your repository on GitHub.
- Watch [video-1](#) or [video-2](#) to know how to do this.
- Create a folder named **Task2** contains your summarization, and code to each problem.
- Summarization file should be named by your names (Ex : Tasnem\_Sabry.pdf).
- Include your submission link on Codeforces (if the problem is on it) as a comment in your code.

## Evaluation:

- Summarization (5 points)
- Problems (15 points)
- Bonus (2 points)

Problems 1: 1 point

Problems 2, 7, 8: 1.5 points

Problems 3: 2 points

Problems 4, 5, 6: 2.5 points

## Deadline:

**4 Days** #Friday 28 March at 23:59

That concludes our **Second** task. If you have any questions, feel free to ask. Happy coding! ❤️

