

Command the Chaos!

Target:

Learn about:

- Understanding Structures and the purpose of it.
- Declaration and initializing the structure.
- pointers and Arrays in structure.
- Passing structure to a function.
- Size of Structure.
- Memory padding , aligned memory and unaligned memory (Comparison).
- the difference between the Structures and Object theoretical not code.

Resources:

1. [C Crash course](#) [English – Recommended]
2. [Neso Academy in C Programming](#) [Structures start with video no.149]
3. [CS50 2018](#) [English]
4. [Arabic C Programming tutorials](#)
5. [W3shools in C](#)
6. [FWD recap on C Structures section](#)
7. [Deitel C How To Program 6th Edition](#) [Recommended]

What To Do:

- 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:

- Create a repository on GitHub named **IEEE-ZSB RAS-Embedded 2025** to upload your task inside it.
- Watch [video-1](#) or [video-2](#) to know how to do this.
- Create a folder named **Task6** contains your solution, and code to each problem..

Evaluation:

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

Deadline:

3 Days # Thu 1 May at 23:59

That concludes our **6th** task. If you have any questions, feel free to ask. Happy coding! ❤️



"When you already know how to use `struct`, but your friend still thinks `int x` is enough for everything."