No More Double Trouble!!

Target:

Learn about:

- Understanding the purpose and syntax of macros.
- Knowing the difference between macros and functions.
- Discovering how malloc, calloc, realloc, and free manage heap memory.
- Recognizing the need for header guards to prevent multiple inclusions.
- Learning the standard structure: #ifndef, #define, and #endif.

Resources:

1. **Neso Academy in C Programming**
2. **C Programming for Beginners** [vid no. 28 & 30]
3. **Include Guards**
4. **FWD Macros**
5. **FWD Dynamic allocation**
6. **Codeforwin in C**
7. **Deitel C How To Program 6th Edition**

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-Embeddded 2025** to upload your task inside it.
- Watch **video-1** or **video-2** to know how to do this.
- Summarization file should be named by your names (Ex : Tasnem_Sabry.pdf).
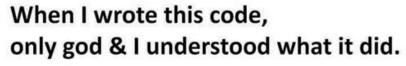- Create a folder named **Task 8** contains your solution, and code to each problem.

Evaluation:

- **Summarization (5 points)**
- **Problems (15 points)**

Deadline:

3 Days   **#Wednesday 7 May at 23:59**

That concludes our **8th** task. If you have any questions, feel free to ask. Happy coding!