Don't Get Fired!!

Target:

Learn about:

- Understand the purpose of typedef
- Learn how to declare bit fields and recognize their size.
- Understand the default underlying type of an Enum and how to modify it if needed.
- Differentiate between struct and union in terms of memory layout and usage.
- Discover cases where union offers efficient memory use through shared data storage.

Resources:

1. **Neso Academy in C Programming**   [English – Recommended]
2. **FWD Typedefs**
3. **FWD Enumerations**
4. **FWD Unions**
5. **W3shools in C**
6. **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-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 **Task7** contains your solution, and code to each problem.

Evaluation:

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

Deadline:

3 Days   **#Sunday 4 May at 23:59**

That concludes our 7th task. If you have any questions, feel free to ask. Happy coding! ♥