Pointers!

Target:

Learn about:

- **Declaring and Initializing Pointers in C.**
- **Size of a Pointer Variable**
- **Referencing and Dereferencing Pointers.**
- **Performing Arithmetic Operations on Pointers.**
- **Access and Manipulate Values using Pointer.**
- **Understand passing by reference pass by value in functions.**

Resources:

1. **C Crash course**   **[English – Recommended]**
2. **Neso Academy in C Programming** **[Pointers start with video no.101]**
3. **CS50 2018**   **[English]**
4. **Arabic C Programming tutorials**
5. **W3shools in C**
6. **FWD recap on C**
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-Embeddded 2025 to upload your task inside it.**
- **Watch video-1 or video-2 to know how to do this.**
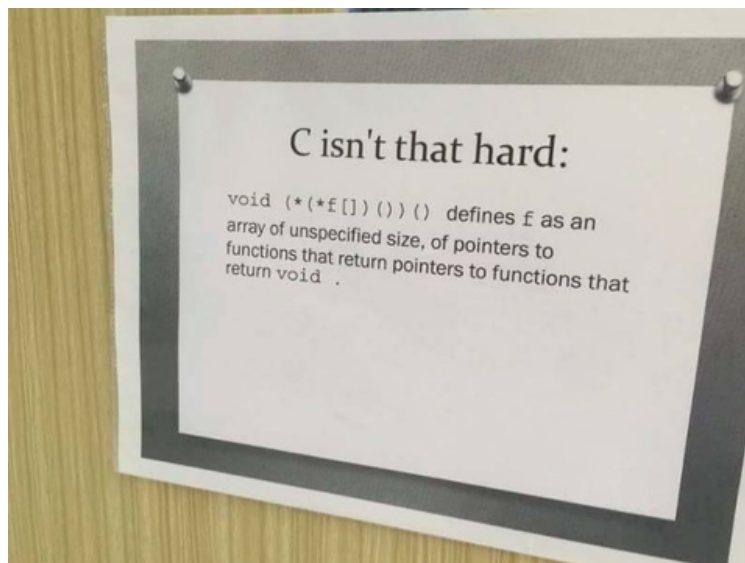- **Create a folder named Task4 contains your solutioon, and code to each problem..**

Evaluation:

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

Deadline:

3 Days **#Monday 21 April at 23:59**

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

**EVER TRIED EXPLAINING POINTERS TO A
BEGINNER? IT'S LIKE TRYING TO DESCRIBE THE
COLOR BLUE TO SOMEONE WHO'S ONLY EVER
SEEN BLACK AND WHITE....**