

# C Programming (W13)



Welcome!!

Please check attendance individually.  
(Mobile App)

# Things to do today

**01**

Lecture Notes (Ch.15)  
- Ch14. Adv Pointer

**02**

**03**

## Pointer, Address, Indirect reference

```
int i = 10;
```

```
int *p;
```

```
p = &i;
```

- **p** is a **pointer variable**. it stores a memory address.
- **p = &i**; The **&** operator returns the **address of the variable i**.
- **\*p** gives the **value** stored at the address held by p, which is the same as i.
- **i** represents **direct access** to the value, while **\*p** represents **indirect access** through a pointer(Dereferencing).
- Dereferencing means “to follow an address and access the actual data”.

# Schedule of final exam

	C-001(Mon)	C-002(Tue)	C-003(Wed)
Final exam	2025-12-16		
	2025-12-15	2025-12-16	2025-12-17
Room			

## Course evaluation

- Attendance: 20%
- Practices : 20%
- Mini-Project: 20%
- Final exam: 40% (Open book)

## Cheating Policy

No computer, no phone, no extra material allowed.

**Only A4 2 pages written by yourself are allowed**, and A4 2 pages must be submitted together with the exam answer sheet after the final exam. (90 mins)

If you look at other people's answer sheets or discuss together during the exam, it will be considered cheating and you will receive **0** point for the final exam.

[ Final exam 20 ~ 30 problems ]

- Multiple choice questions in which one or more answers may be correct.

Q1. Which of the following is a valid C keyword?

A) repeat    B) switch    C) choose    D) lamba

Q2. Which of the following is a valid C keyword? (May have multiple answers)

A) repeat    B) switch    C) choose    D) if

- Short answer questions / Fill-in-the-blank questions

Q3. In C, the keyword used to define a constant value is \_\_\_\_\_

Q4. In C programming, a(n) \_\_\_\_\_ is used to store multiple values of the same type in a single variable.

- Fix the given faulty code

Q5. Modify the code to make it work correctly

```
for (int i = 0; i < 5; ) {  
    printf("%d\n", i);  
}
```

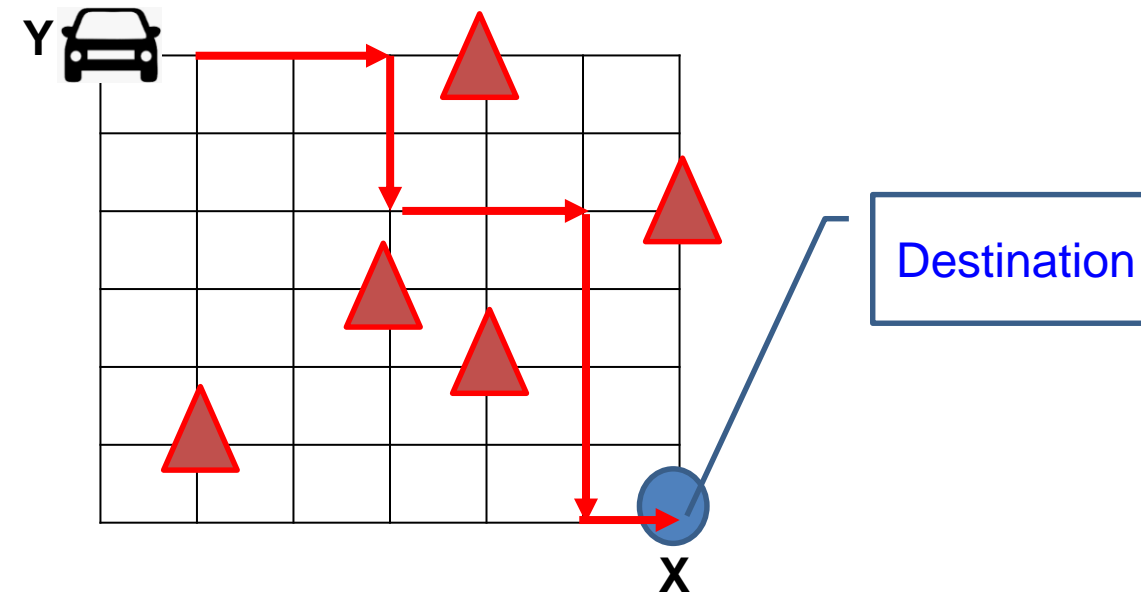
- Problems with modifying code in different statements

Q6. if-else statement to switch statement

- One subjective problem

Q7. Write an algorithm to solve the problem described below.

# Mini Project 2



See you next week!

DO NOT miss the classes

