C Programming (W6)

Welcome!!

Please check attendance individually. (Mobile App)

Things to do today

01 Codyssey C1-P2 : Check homework

02 Lecture Notes (Ch.5 ~ 9)

03 Codyssey Requirements : C1-P3, P4 (Refer to std_input.c)

- .

Step for homework (Review)

01 Read a problem in Codyssey (Specifically Implementation Task, Constraints)

02 Implement the solution of a problem in VSC
Run and make sure your solution satisfies implementation task & constraints

03 Upload your solution into your github.

04 Request the evaluation (30 minutes discussion) through Codyssey
Then participate the evaluation of classmate's solution (30 minutes discussion)

Requirements list (C1-P3)

1. User Input for candidate information. (scanf & fgets)

- Name, Date of Birth, Gender, Email, Nationality, BMI, Primary Skill, Secondary Skill, Korean Proficiency, Level MBTI, Self-Introduction

  * If you don't understand Structure yet, just use local variables

- Format of input

```
####################################
     Audition Candidate Data Entry
####################################
Entering information for the first candidate.
-------------------------------
1. Name: Jiyeon Park
2. Date of Birth (YYYY/MM/DD format): 2006/04/15
3. Gender (F for Female, M for Male): F
4. Email: jiyeon@outlook.com
5. Nationality: South Korea
6. BMI: 18.5
7. Primary Skill: Dance
8. Secondary Skill: Composition
9. Korean Proficiency Level (TOPIK): 0
10. MBTI: ENFJ
11. Introduction: A passionate and creative dancer and composer ready to pursue dreams together.
================================
Entering information for the second candidate.
-------------------------------
1. Name: Ethan Smith
2. Date of Birth (YYYY/MM/DD format): 2005/08/22
...(And so on for all candidates)
```

2. Output.

- Display all information

```
####################################
     Audition Candidate Data Review
####################################
=================================================================================
Name          | DOB      | Gender | Email                | Nationality | BMI  | Primary Skill | Sec
=================================================================================
Jiyeon Park   | 20060415 | F      | jiyeon@outlook.com   | South Korea | 18.5 | Dance         | Comp
---------------------------------------------------------------------------------
```

Requirements list (C1-P4)

1. User Input for judge information. (scanf & fgets & parseInput)

   - Project name

   - Num of judges

   - Judge information: Loop & Parsing input

     . "Name: Kim Young-Soo, Gender: Male, Affiliation: JYK Studio, Title: Music Director and Producer, Specialty: Music, Email: youngsu@outlook.com, Phone: 010-1234-5678"

2. Output.

   - Display judge information according to format.

```
[PROJECT] Should we check the judge information? Y
####################################
#        Display Judge Data        #
####################################
[Judge 1]
Name: Kim Youngsoo
Gender: Male
Affiliation: JYK Studio
Title: Music Director and Producer
Expertise: Music
Email: youngsu@outlook.com
Phone: 010-1234-5678
----------------------------------
[Judge 2]
..............[Omitted for brevity]..........."
```

Homework

1. Finish Step 1, Course 1, Problem 3, 4

Program is no magic

Variables

Operator

Conditional statement

Loop

function