Daily Assignment 19

- This is how ZXZ Euler angles works
  - 1. Rotate along Z-axis by α
  - 2. Rotate along X-axis of the new frame by β
  - 3. Rotate along Z-axis of the new frame by γ

- Start from today's practice code, implement ZXZ Euler angles and add code to change α, β, γ values in the following way:

- If you **press or repeat** a key, the value of α, β, γ should be changed as shown in the table:

  - Hint: You do not need to store a composed rotation matrix as a global variable. You can just store α, β, γ as global variables

Key	Transformation
A	Increase α by 10°
Z	Decrease α by 10°
S	Increase β by 10°
X	Decrease β by 10°
D	Increase γ by 10°
C	Decrease γ by 10°
V	Initialize orientation

How to Submit

- What you have to submit:
  - Only **one** .py file: ***main.py***
- Write down all your code to ***main.py***
- `> py -3 main.py` or `$ python3 main.py` should show your glfw window.

How to Submit

- Submit your assignment **only through the Assignment (과제) menu of the lecture home** at portal.hanyang.ac.kr.

- **Recommended due date: Today's lecture end time**

- (Hard due date: 23:59 Today)