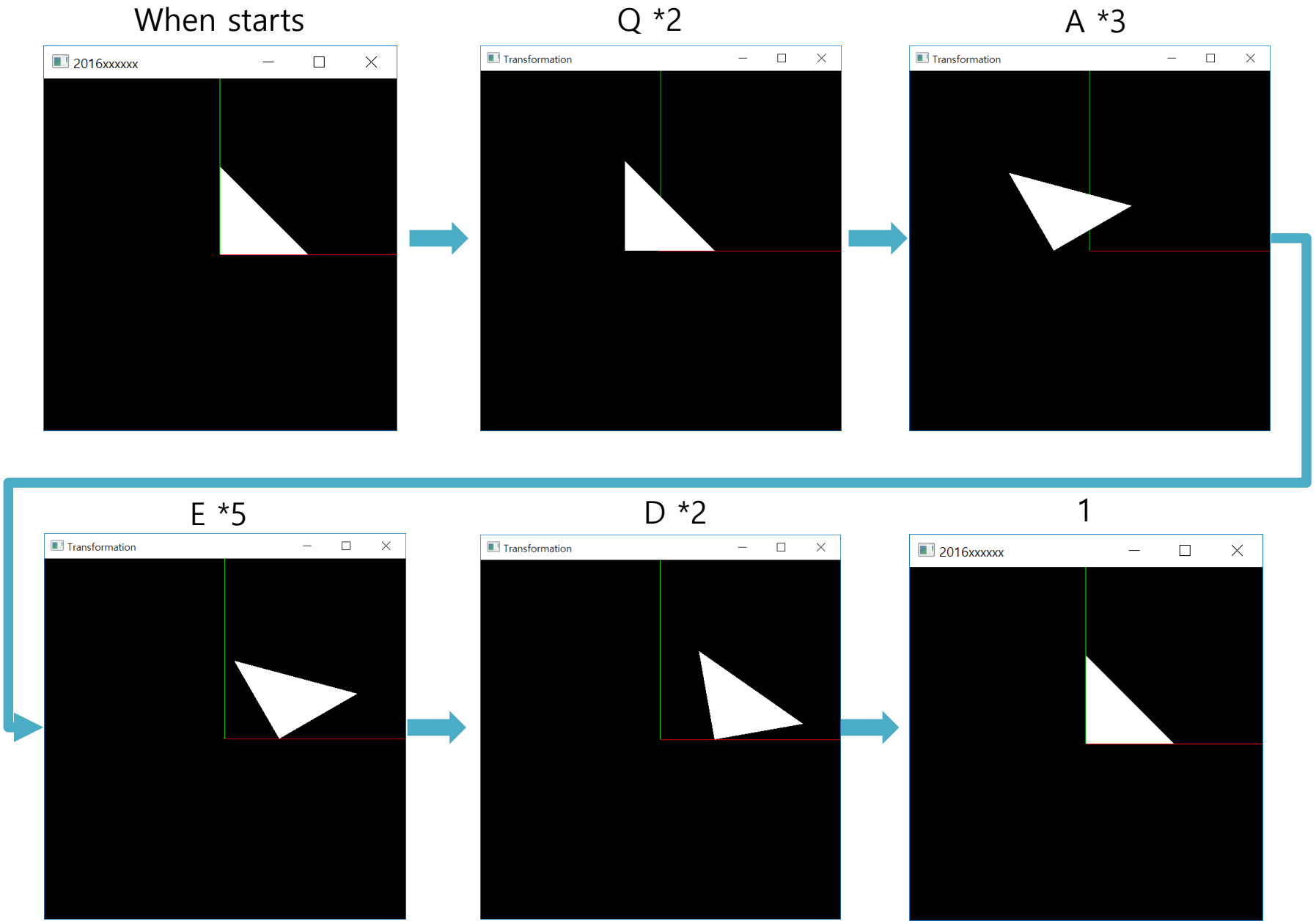
Daily Assignment 6

- Write down a Python program to..
- Draw a triangle using the render() function in 24 page of today's lecture slides (DO NOT modify it!)
  - Use **homogeneous coordinates**!
- If you press (not release) a key, the triangle should be transformed as shown in the Table:
- All transformations should be **accumulated** unless you press '1'.
  - You'll need a global variable to store current accumulated transformation
- **Set the window title to your student number.**
- Set the window size to (480,480).

Key	Transformation
Q	Translate by -0.1 in x direction **w.r.t global coordinate**
E	Translate by 0.1 in x direction **w.r.t global coordinate**
A	Rotate by 10 degrees counterclockwise **w.r.t local coordinate**
D	Rotate by 10 degrees clockwise **w.r.t local coordinate**
1	Reset the triangle with identity matrix

An example sequence of continuous transformation



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)