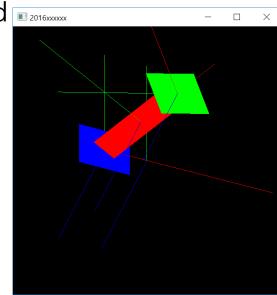
Assignment 3-2

- Starting from "[Practice] Matrix Stack (modify lec5 code)" code in lec6 slides,
- Add a green arm at the end of the red arm, and rotate the green arm about its local z axis like the demo video (the mp4 file in the zip).
- Also render local frames of the blue base, red arm, green arm using drawFrame() in the next slide.



```
def drawFrame():
glBegin(GL_LINES)
glColor3ub(255, 0, 0)
glVertex3fv(np.array([0.,0.,0.]))
glVertex3fv(np.array([1.,0.,0.]))
glColor3ub(0, 255, 0)
glVertex3fv(np.array([0.,0.,0.]))
glVertex3fv(np.array([0.,1.,0.]))
glColor3ub(0, 0, 255)
glVertex3fv(np.array([0.,0.,0]))
glVertex3fv(np.array([0.,0.,0]))
glVertex3fv(np.array([0.,0.,1.]))
glVertex3fv(np.array([0.,0.,1.]))
```

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.

Due date: Oct 9, 23:59