

# Daily Assignment 23

- Start from uploaded *23-interactive-linear.py*, modify this program to draw a **Hermite curve** instead of a line
- Code for dragging two end points are already implemented in the code
- You have to add another two draggable points **pv0**, **pv1** to define derivatives of two end points
  - **v0=pv0-p0**
  - **v1=pv1-p1**
- Render points **pv0**, **pv1** and lines from **p0** to **pv0**, **p1** to **pv1** in green
- Hint: using matrix form of Hermite curve would be easier!

```
# initial values
p0 = np.array([200.,200.])
p1 = np.array([400.,400.])
pv0 = np.array([300.,350.])
pv1 = np.array([500.,550.]
```

# How to Submit

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- 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

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- Submit your assignment **only through the Assignment (과제) menu of the lecture home** at [portal.hanyang.ac.kr](http://portal.hanyang.ac.kr).
- **Recommended due date: Today's lecture end time**
- (Hard due date: 23:59 Today)