

Day 1:

- learn basic of python
- reference:
 - <https://trutorialpoint.com>
 - <https://stackoverflow.com>
 - <https://youtube.com>
- getting started with leap motion sensor
 - <https://leapmotion.com/setup>
 - <https://developer.leapmotion.com/documentation/python>

Day 2:

- starting programming with leap motion sensor which detect alphabet from figure position and direction
- I have used two factor figures tip position and position of center of palm (tip position palm center position)
- So I could get the position of tip with respect to palm center so it doesnt effect the change in position of hand with respect to sensor
- I take 300 reading and make its average.
- Here I got one problem which I couldnt solve that day.
- The problem is like,
 - I was storing data to object. But I am new to python so by mistake I was just passing the pointer the object it not copied but only pointer was passing
 - So whenever the data is changed, that reflected at all object. I was confused why that was happening.

Day 3:

- Today I solved that object coping problem. By this way
Initially:
`letter.fing1 = SimpleListener.fr1`
`letter.fing2 = SimpleListener.fr2`
Finally:
`letter.fing1 = copy.deepcopy(SimpleListener.fr1)`
`letter.fing2 = copy.deepcopy(SimpleListener.fr2)`
- Then finally my program work. There were two option l and c. l means load and c means check.

- So first load the posture of letter and then we can check
- and this is the readings

A	1 1 1 1 1 1 1 1
B	1 1 1 1 1 1 1 1
C	1 0 0 1 1 1 1 1
D	0 1 1 1 1 1 1 1
E	1 1 1 1 1 1 1 1
F	0 1 1 1 0 1 1 1
G	0 0 1 1 1 1 1 1
H	1 1 1 1 1 1 1 1
I	1 1 1 1 1 1 1 1
J	0 1 1 1 1 1 1 0
K	1 1 1 1 0 1 1 1
L	1 1 1 1 1 1 1 1
M	1 1 1 1 1 1 1 1
N	0 1 1 0 0 1 1 1
O	1 1 0 1 1 1 1 1
P	1 0 1 1 1 1 1 0
Q	1 1 1 1 1 0 1 1
R	0 1 0 1 0 0 0 1
S	1 1 1 1 1 1 1 1
T	1 1 1 1 1 1 1 1
U	1 0 1 1 1 1 1 1
V	1 1 1 1 1 1 1 1
W	1 1 1 1 1 1 1 1
X	1 1 1 1 1 1 1 1
Y	1 1 1 1 1 1 1 1
Z	0 1 1 1 1 1 1 1

Day 4:

- get started with Galileo Board
- done sample of led blinking and fading
- install windows iot image on board
but there is an error, board can not be connected with my laptop using telnet. means telnet service is not running there may be because i have downloaded windows image from intel's store not from microsoft's store.