

## Python Tasks – Day2

1. Install vim and execute a hello world script using powershell
  - a. Python installation link - <https://youtu.be/M5ILgNI0iXw> (first 20 minutes)
  - b. Vim Installation link - <https://youtu.be/SBOFnzVuzOE>
- 2.
3. Use Jupyter Notebook to execute following code, try to guess what is happening in this code

```
import numpy as np
import matplotlib.pyplot as plt
height = np.random.normal(140, 20, 1000)
plt.figure(dpi=200)
plt.title("Height Distribuion")
plt.xlabel("Height (cm) ")
plt.ylabel("Frequency")
plt.hist(height, bins=30, ec="gold")
plt.show()
```

4. Write down above code using vim on same working directory, and execute it using python interpreter, tell us difference between jupyter and notepad
5. Write Down difference between interpreter and compiler
6. What is Data Structure, why we need one in programs?
7. Run all python (.py) files inside day2 folder on drive, try understanding code beneath each scripts, you will going to create those scripts by yourself in future lecture