

## Lab 11 : Python Examples

### Instructions:

- Name your zip as <Roll\_No>.zip
- Structure of zip
  - Folder named <Roll\_No>
    - Python Files
    - Output txt files
    - ReadMe (if any)
- Please follow the above-mentioned submission format, else you will be awarded 0 (zero) in this activity.

### 1) File Handling (20)

- i) Read the CSV File Provided & drop the last 6 columns . **(3)**
- ii) Drop all the rows with negative %change of more than 3% using filter & lambda function **(5)**
- iii) Calculate average of Open, high, low for all the remaining columns using map & lambda function. **(4)**
- iv) Given character A-Z, design a feature such that all the stocks starting with any specific alphabet should be displayed. For example if the input is 'A' then it should display AdaniPorts, AsianPaint & AxisBank & all its stocks. **(5)**
- v) Write the data in stock\_output.txt. **(3)**