CS-599 Deep Learning

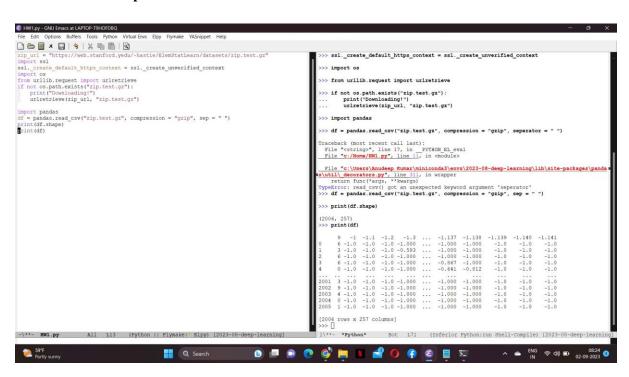
Homework – 1

1. Python Code:

```
zip_url = "https://web.stanford.yedu/~hastie/ElemStatLearn/datasets/zip.test.gz"
import ssl
ssl._create_default_https_context = ssl._create_unverified_context
import os
from urllib.request import urlretrieve
if not os.path.exists("zip.test.gz"):
    print("Downloading!")
    urlretrieve(zip_url, "zip.test.gz")

import pandas
df = pandas.read_csv("zip.test.gz", compression = "gzip", sep = " ")
print(df.shape)
print(df)
```

2. Screenshot of output:



3. Summary:

- Install Emacs and Conda in your system.
- Download the packages elpy, conda from M-x package-list-packages.
- Create conda environment in anaconda prompt.

- Activate conda environment through emacs.
- Run the python shell by creating python program.
- Check the output and take a screenshot.