

## DBT ASSIGNMENT 3

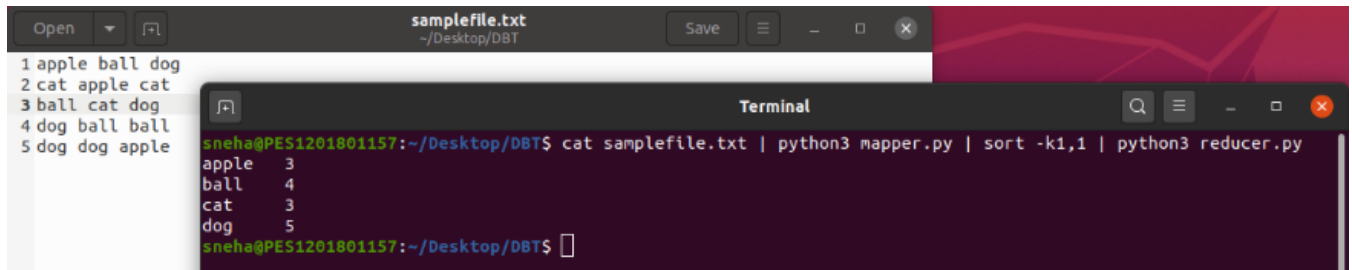
Sneha Hegde

PES1201801157

- MapReduce code

I've written it in Python, and I've explained the logic using comments in the programs. The code has been uploaded to the drive folder.

Output-



The screenshot shows a code editor window titled 'samplefile.txt' with the following content:

```
1 apple ball dog
2 cat apple cat
3 ball cat dog
4 dog ball ball
5 dog dog apple
```

Below the editor is a terminal window titled 'Terminal' showing the execution of a MapReduce program. The command entered is:

```
sneha@PES1201801157:~/Desktop/DBT$ cat samplefile.txt | python3 mapper.py | sort -k1,1 | python3 reducer.py
```

The output displayed in the terminal is:

```
apple 3
ball 4
cat 3
dog 5
```

The terminal prompt is now `sneha@PES1201801157:~/Desktop/DBT$`.