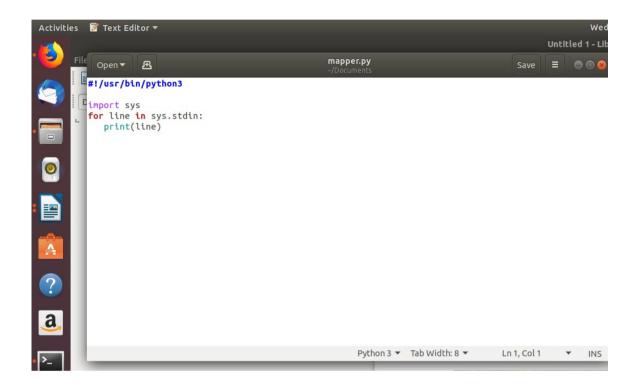
ASSIGNMENT-4 JOINING

MAPPER code:



MAPPER OUTPUT:

```
? root123@root123-Lenovo-ideapad-330-15IKB:-$ hadoop fs -cat /file/f1.txt /file/f2.txt | '/home/root123/Documents/mapper.py'
able,10
a strong,13
loveable,7
shine,12
actor,18
burger,6
milk,5
12/06/19,able,2
13/06/19,lovable,17
14/06/19,sauce,5
15/06/19,good,12
16/06/19,wave,6
```

REDUCER CODE:

REDUCER OUTPUT:

```
root123@root123-Lenovo-1deapad-330-151K8:-$ chmod +x '/home/root123/Documents/reducer.py'
root123@root123-Lenovo-1deapad-330-151K8:-$ hadoop fs -cat /file/f1.txt /file/f2.txt | '/home/root123/Documents/mapper.py' | sort | '/home/root123/Documents/reducer.py'
Data1:
{ 'able': '16', 'actor': '18', 'burger': '6', 'loveable': '7', 'milk': '5', 'shine': '12', 'strong': '13'}
Data2:
{ '12/06/19', 'able'): '2', ('13/06/19', 'lovable'): '17', ('14/06/19', 'sauce'): '5', ('15/06/19', 'good'): '12', ('16/06/19', 'wave'): '6'}
For joint data1 join data2
...
('able', '12/06/19') 10 2
root123@root123-Lenovo-ideapad-330-151K8:-$
```