

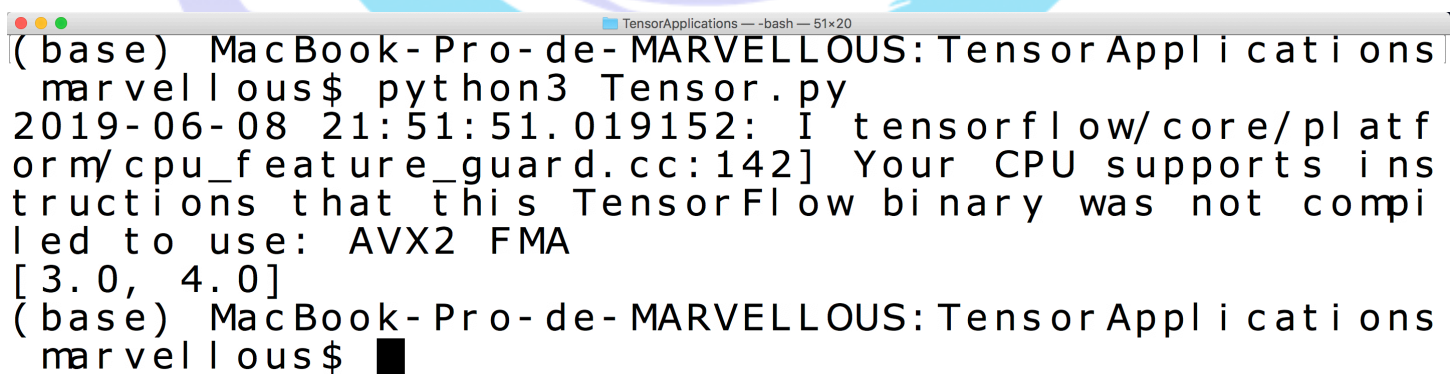
# Deep Learning

## Application 1

**TensorFlow application which creates two nodes which are constant and run it with the session.**

```
1 import tensorflow as tf
2
3 #Build computational graph
4 node1 = tf.constant(3.0, tf.float32)
5 node2 = tf.constant(4.0, tf.float32)
6
7 #print(node1,node2)
8
9 # Run computational graph
10 sobj = tf.compat.v1.Session()
11 print(sobj.run([node1,node2]))
12
13 sobj.close()
14
```

### Output of above application



```
(base) MacBook-Pro-de-MARVELLOUS:TensorApplications
marvellous$ python3 Tensor.py
2019-06-08 21:51:51.019152: I tensorflow/core/platform/cpu_feature_guard.cc:142] Your CPU supports instructions that this TensorFlow binary was not compiled to use: AVX2 FMA
[3.0, 4.0]
(base) MacBook-Pro-de-MARVELLOUS:TensorApplications
marvellous$
```