In[1]:

$ pip install tensorflow

In[2]:

$ python3 -c 'import tensorflow; print(tensorflow. version)'

In[1]:

import tensorflow as tf

In[2]:

Hey = tf.constant('Hello World')

type(Hey)

In[3]:

sess = tf.Session() sess.run(Hey)
type(sess.run(Hey))

In[4]:

x = tf.constant(6) y = tf.constant(7)

with tf.Session() as sess:

```
print('Operations with Constants') print('Addition', sess.run(x + y))
print('Subtraction', sess.run(x - y)) print('Multiplication', sess.run(x * y))
print('Division', sess.run(x / y))
```

In[5]:

```
x = tf.placeholder(tf.int32) y = tf.placeholder(tf.int32)

add = tf.add(x, y)
sub = tf.subtract(x, y) mul = tf.multiply(x, y) div =
tf.divide(x, y)

d = {x : 90, y : 100}

with tf.Session() as sess:

print('Operations with Constants') print('Addition', sess.run(add, feed_dict = d))
print('Subtraction', sess.run(sub, feed_dict = d)) print('Multiplication', sess.run(mul,
feed_dict = d)) print('Division', sess.run(div, feed_dict = d))
```