

# Chapter\_2\_Section\_3\_Interactive\_Session

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## 1 Ch 02: Concept 03

### 1.1 Interactive session

Interactive sessions are another way to use a session. Go ahead and define one:

```
In [1]: import tensorflow as tf
        sess = tf.InteractiveSession()
```

We have a matrix we want to invert:

```
In [2]: x = tf.constant([[1., 2.]])
        neg_op = tf.negative(x)
```

Since we're using an interactive session, we can just call the `eval()` method on the op.

```
In [3]: result = neg_op.eval()

        print(result)
```

```
[[ -1. -2.]]
```

That code's a little cleaner when using Jupyter notebooks (like this one).  
Don't forget to close the session:

```
In [4]: sess.close()
```