



↳ 1 cells hidden

## ▼ Prework: Hello World

**Learning Objective:** Run a TensorFlow program in the browser.

Here is a "Hello World" TensorFlow program:

```
import tensorflow as tf
c = tf.constant('Hello, world!')
with tf.Session() as sess:
    print sess.run(c)
```

### To Run This Program

1. Click anywhere in the code block (for example, on the word `import`).
2. Click the right-facing-triangle icon in the upper-left corner of the code block, or hit ⌘/Ctrl-Enter.

The program will take a few seconds to run. If all goes well, the program will write the phrase `Hello, world!` just below the code block

This entire program consists of a single code block. However, most exercises consist of multiple code blocks, in which case you should **run the code blocks individually in sequence, from top to bottom**.

Running the code blocks out of sequence typically causes errors.

### Useful Keyboard Shortcuts

- ⌘/Ctrl+m,b: creates an empty code cell below the cell that's currently selected
- ⌘/Ctrl+m,i: interrupts a running cell
- ⌘/Ctrl+m,h: shows a list of all keyboard shortcuts
- For documentation on any TensorFlow API method, place the cursor right after its opening parenthesis and hit **Tab**:

The screenshot shows a code editor with a play button icon in the top-left corner. The code is as follows:

```
import tensorflow as tf
c = tf.constant('Hello, world!')
with
```

A tooltip is displayed over the `tf.constant` function call, showing the following information:

**Signature:** `tf.constant(value, dtype=None, shape=None, name='Const', verify_shape=False)`  
**Docstring:**  
Creates a constant tensor.  
  
The resulting tensor is populated with values of type ``dtype``, as