

✓ **Congratulations! You passed!**

TO PASS 80% or higher

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## Graphs and Sessions

LATEST SUBMISSION GRADE

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1. Which of these provides a way to visualize your TensorFlow program as a graph?

1 / 1 point

- ☐ vim
- ☐ emacs
- ☒ TensorBoard

✓ **Correct**

2. Which of these is a valid way to evaluate a tensor "z"? Assume you have a session named "sess" and it is the default session.

1 / 1 point

☒ sess.run(z)

✓ **Correct**

This is the "normal" way to evaluate a tensor in the context of a session

☒ z.eval()

✓ **Correct**

This is a short-cut to evaluate z in the default session

☒ sess.run([z])

✓ **Correct**

This is the correct syntax to evaluate a list of tensors. The list here happens to contain only one item.

3. The mode to evaluate tensors immediately (instead of lazy evaluation) is called:

1 / 1 point

- ☐ This is the default TensorFlow behavior, so there is no special name for it.
- ☐ Interactive mode
- ☒ Eager mode

✓ Correct

4. TensorFlow programs are directed graphs. What are some of the benefits?

1 / 1 point

- ☐ You can write TensorFlow programs using a what-you-see-is-what-you-get (WYSIWYG) user interface
- ☒ TensorFlow can insert send and receive nodes to distribute the graph across machines

✓ Correct

- ☒ TensorFlow can optimize the graph by merging successive nodes where necessary

✓ Correct