Initialize variables

Start your own session

Train algorithms

Implement a Neural Network

Text, letter

Description automatically generated

Writing and running programs in TensorFlow has the following steps:

1. Create Tensors (variables) that are not yet executed/evaluated.
2. Write operations between those Tensors.
3. Initialize your Tensors.
4. Create a Session.
5. Run the Session. This will run the operations you'd written above.

Therefore, when we created a variable for the loss, we simply defined the loss as a function of other quantities, but did not evaluate its value. To evaluate it, we had to run init = tf.global\_variables\_initializer(). That initialized the loss variable, and in the last line we were finally able to evaluate the value of loss and print its value.

Hình dưới ý là các biến trong tf là biến đặc biệt, nó sẽ không được “tính” như biến thường

chỉ được tính khi cho vào trong một session

Text

Description automatically generated

Khi cho vào session sẽ được kết quả mong muốn

Graphical user interface, text

Description automatically generated with medium confidence

Great! To summarize, remember to initialize your variables, create a session and run the operations inside the session.

Text

Description automatically generated

ảnh trên là place holder để rành cho những biến mà không gán giá trị ngay lúc khởi tạo được