

## 3.3 Assignment Solution

For this assignment you needed to define the converter, run it and then define the TFLite interpreter.

You can instantiate the converter, leveraging the saved model file as noted in the hint, using the handy saved model function shown below:

```
converter = tf.lite.TFLiteConverter.from_saved_model(
    ROCK_PAPER_SCISSORS_SAVED_MODEL)
```

You then can run the converter as follows:

```
tflite_model = converter.convert()
```

It's that simple! TFLite does all of the heavy lifting under the hood for you.

Defining the interpreter (again leveraging a saved model -- this time our TFLite model) is also a simple one line command:

```
interpreter = tf.lite.Interpreter(model_path=TFLITE_MODEL_FILE)
```

And that's it! From there you should have been able to test out the model's accuracy and visualize which images it got correct and incorrect. We hope you also took us up on the challenge of improving the model. Let us know in the comments to the Colab what worked best. We're curious to see how accurate you all can make this model! As always you'll find the link to the assignment again below in case you want to explore it a bit more!

<https://colab.research.google.com/github/tinyMLx/colabs/blob/master/3-3-14-Assignment.ipynb>