8. Run the customized app

The default app setup classifies images into one of the 1000 ImageNet classes, using the standard MobileNet, without the retraining we did in part 1.

Now let's modify the app so that the app will use our retrained morel for our custom image categories.

Add your model files to the project

The demo project is configured to search for a `graph.pb` , and a `labels.txt` files in the `android/tfmobile /assets` directory. Replace those two files with your versions. The following command accomplishes this task:

```
cp tf_files/rounded_graph.pb android/tfmobi
cp tf_files/retrained_labels.txt android/tf
```

Change the `output_name` in `ClassifierActivity.java`

The TensorFlow Interface used by the app requires that you ask for your results by name. The app is currently set up to read the output of the baseline MobileNet, named `"MobilenetV1/Predictions/Softmax"` . The output node for our model has a different name: `"final_result"` . Open `ClassifierActivity.java` and update the `OUTPUT_NAME` variable as follows:

C... Activity.java

```
private static final String INPUT_NAME =
```

Did you find a mistake? Please file a bug.