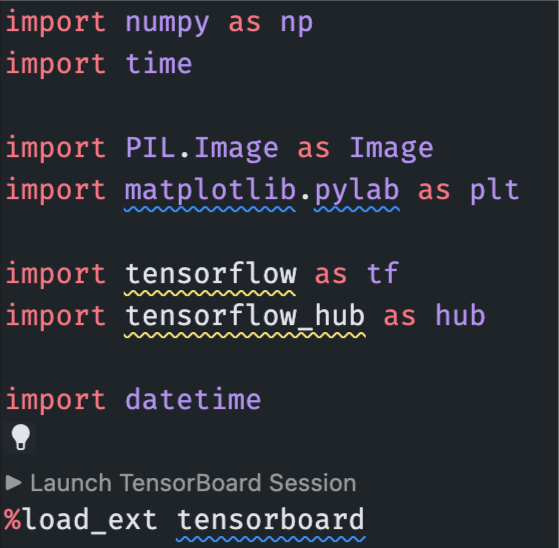
**Transfer Learning With Tensorflow**

Practice of Artificial Intelegence

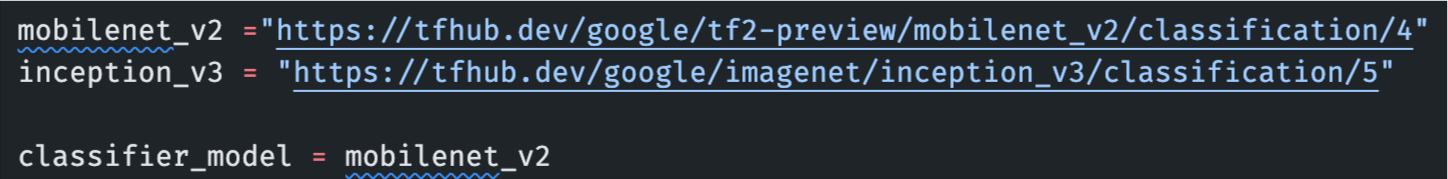
Name : 劉泰佑

Id : C100E030

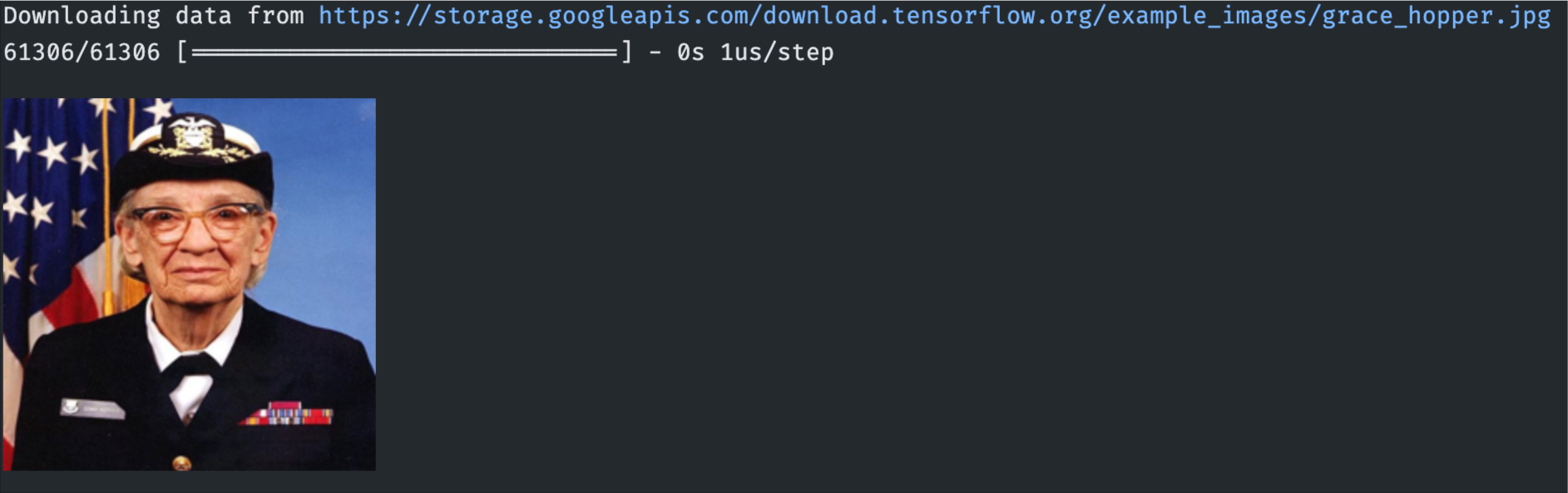
1. Import all the required libraries



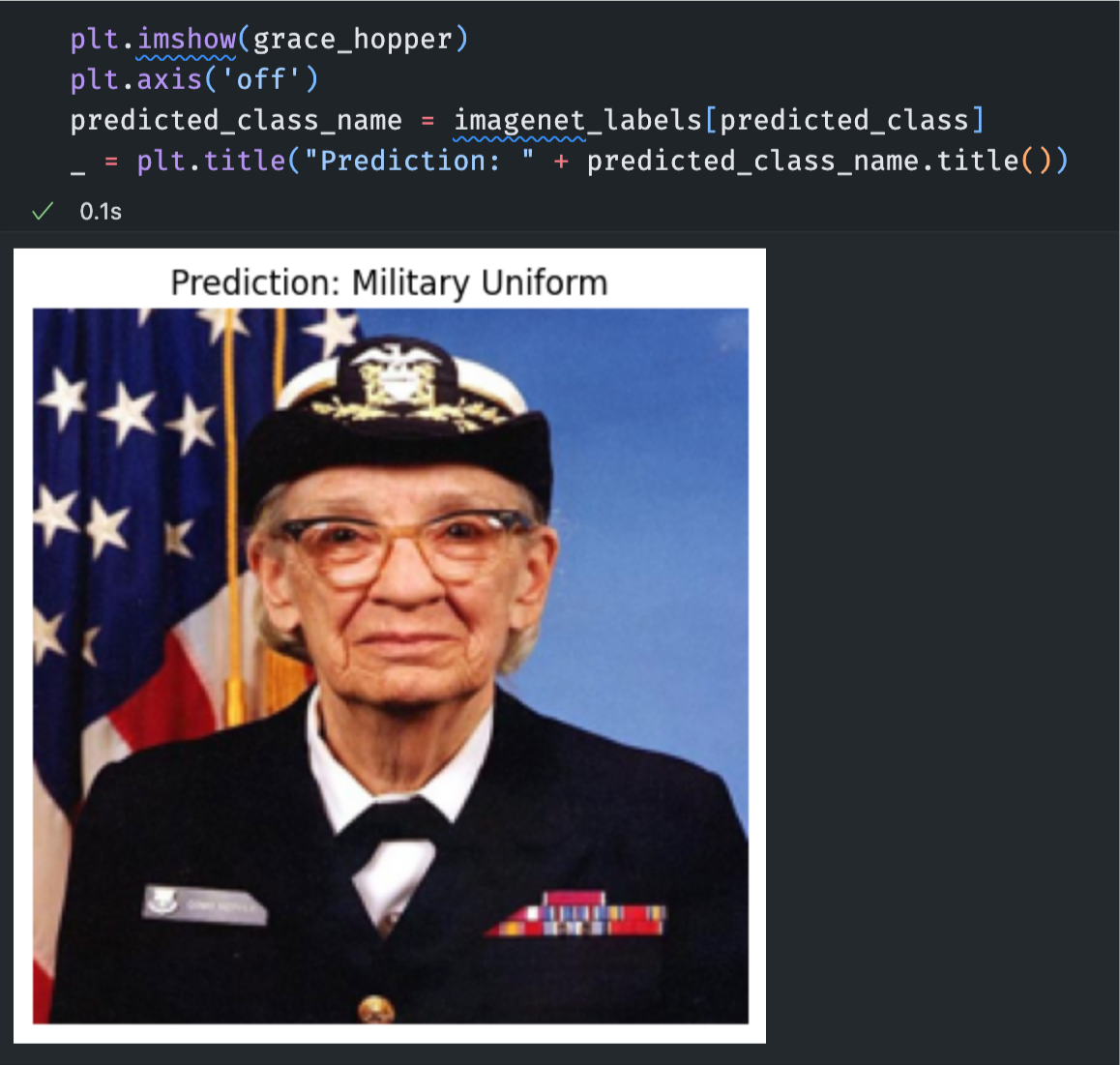
1. Download pre-trained model



1. Try running on single image



1. Prediction



1. Simple transfer learning: download flower dataset

Text

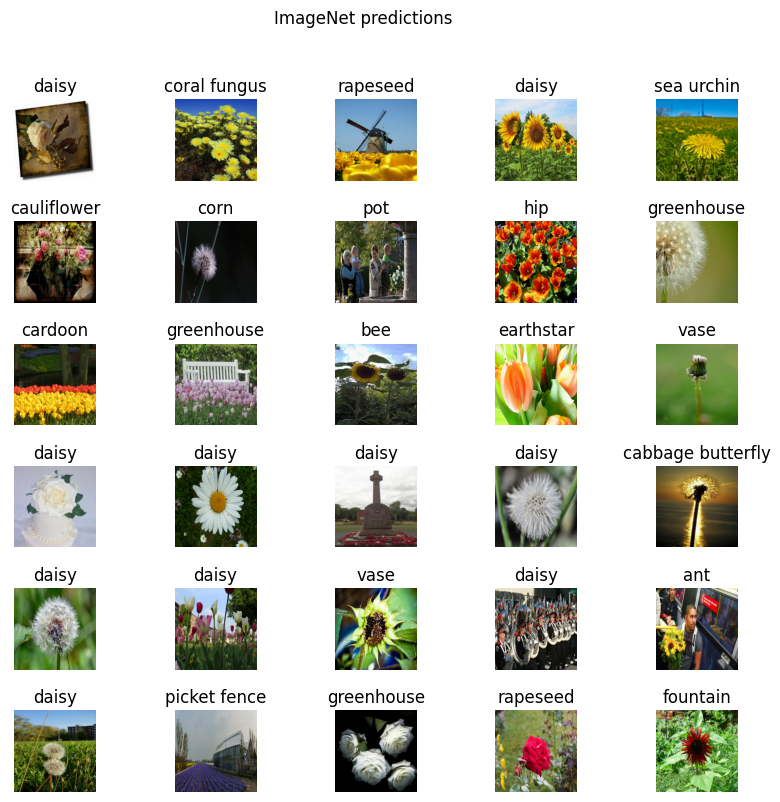
Description automatically generated

1. Classes

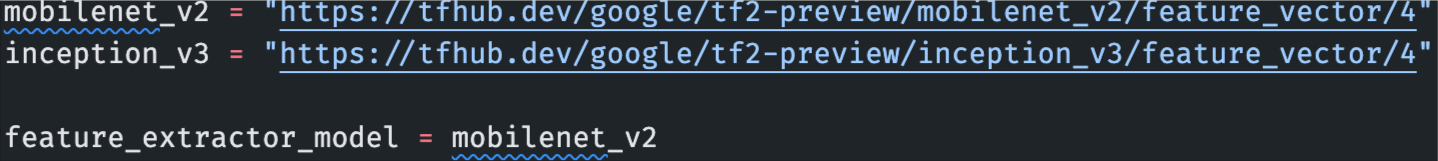
Graphical user interface, text, application

Description automatically generated

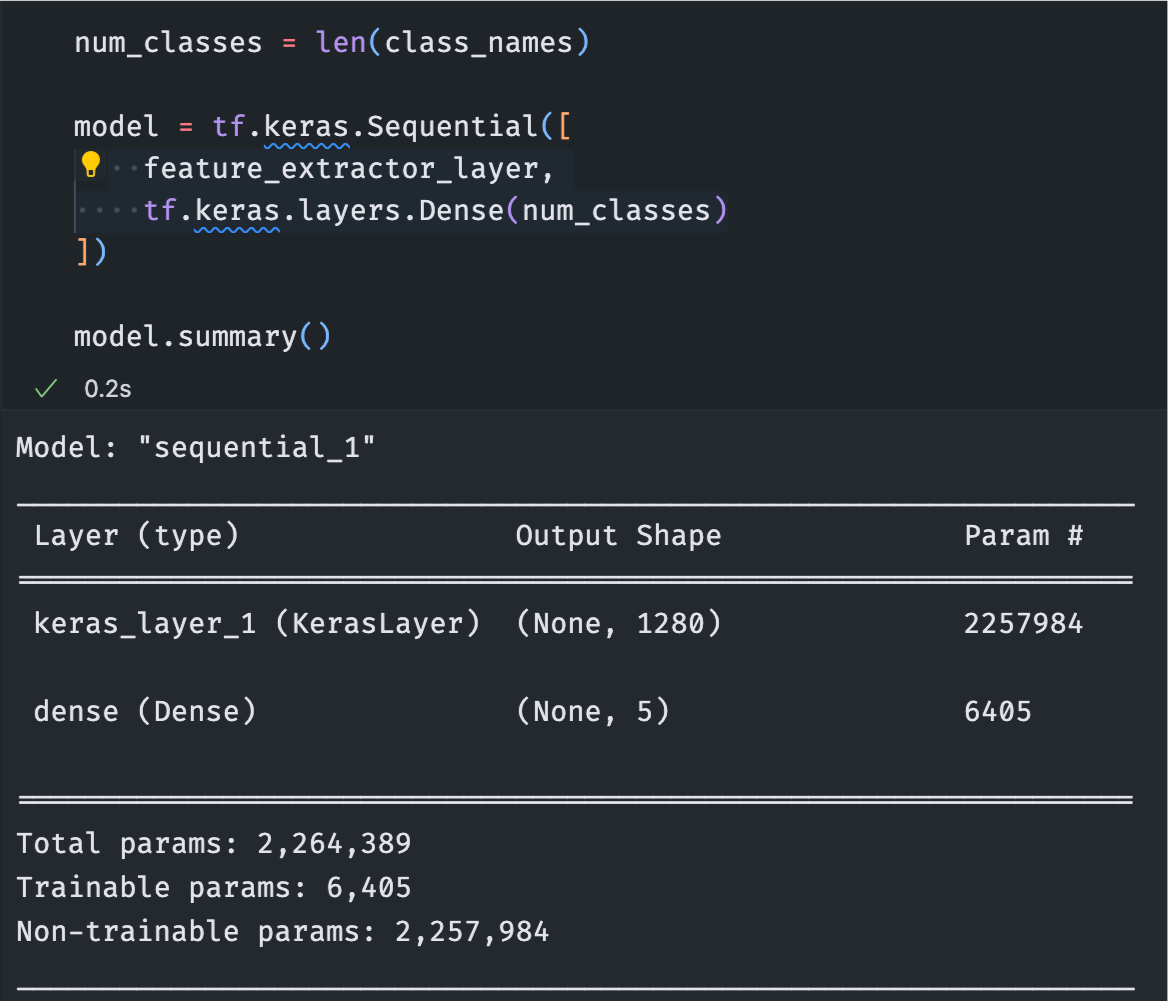
1. First imageNet prediction



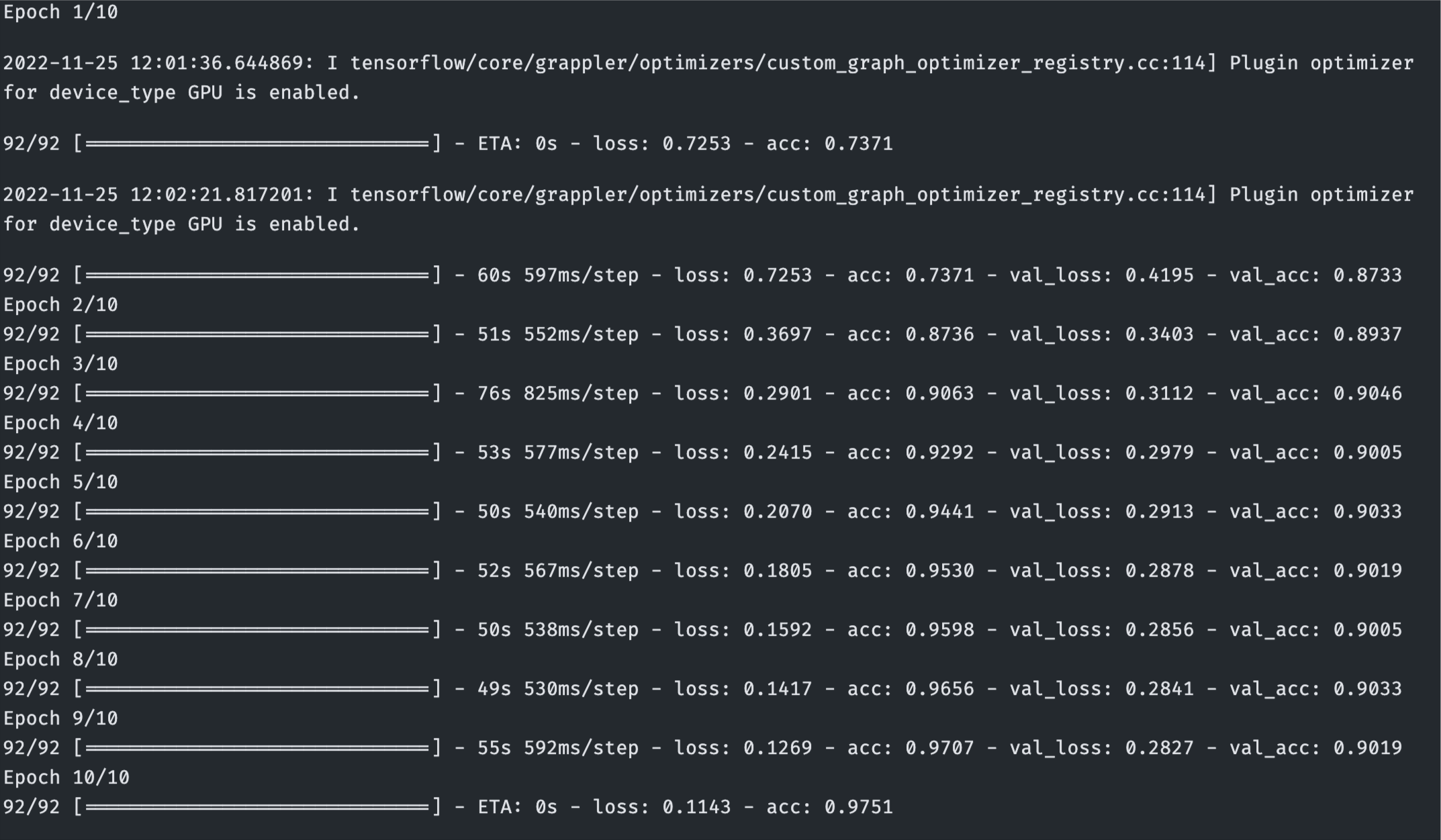
1. Try using the headless model: re-download the pre-trained models



1. Attach the classification head



1. Model training

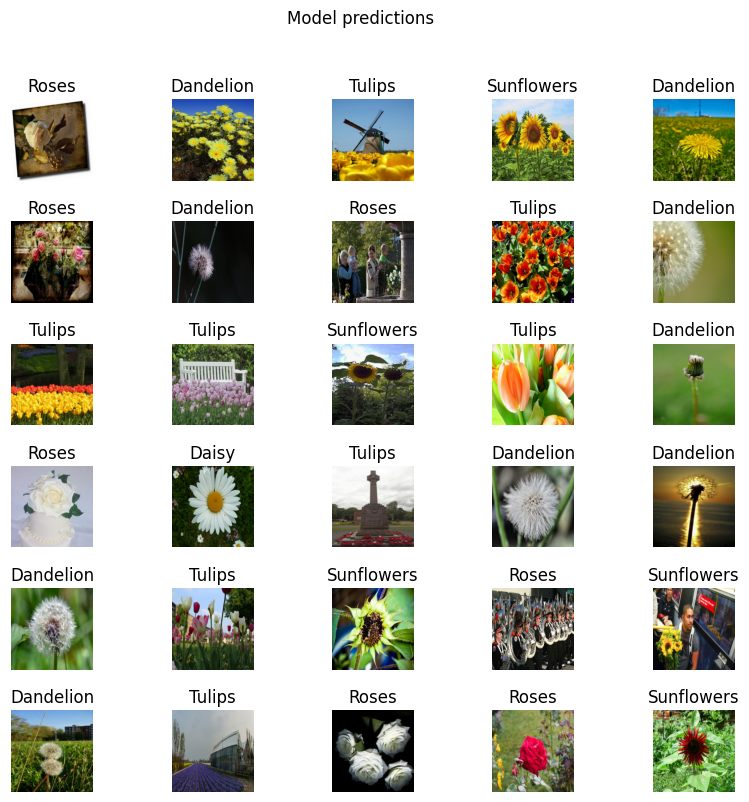


1. Check the predictions

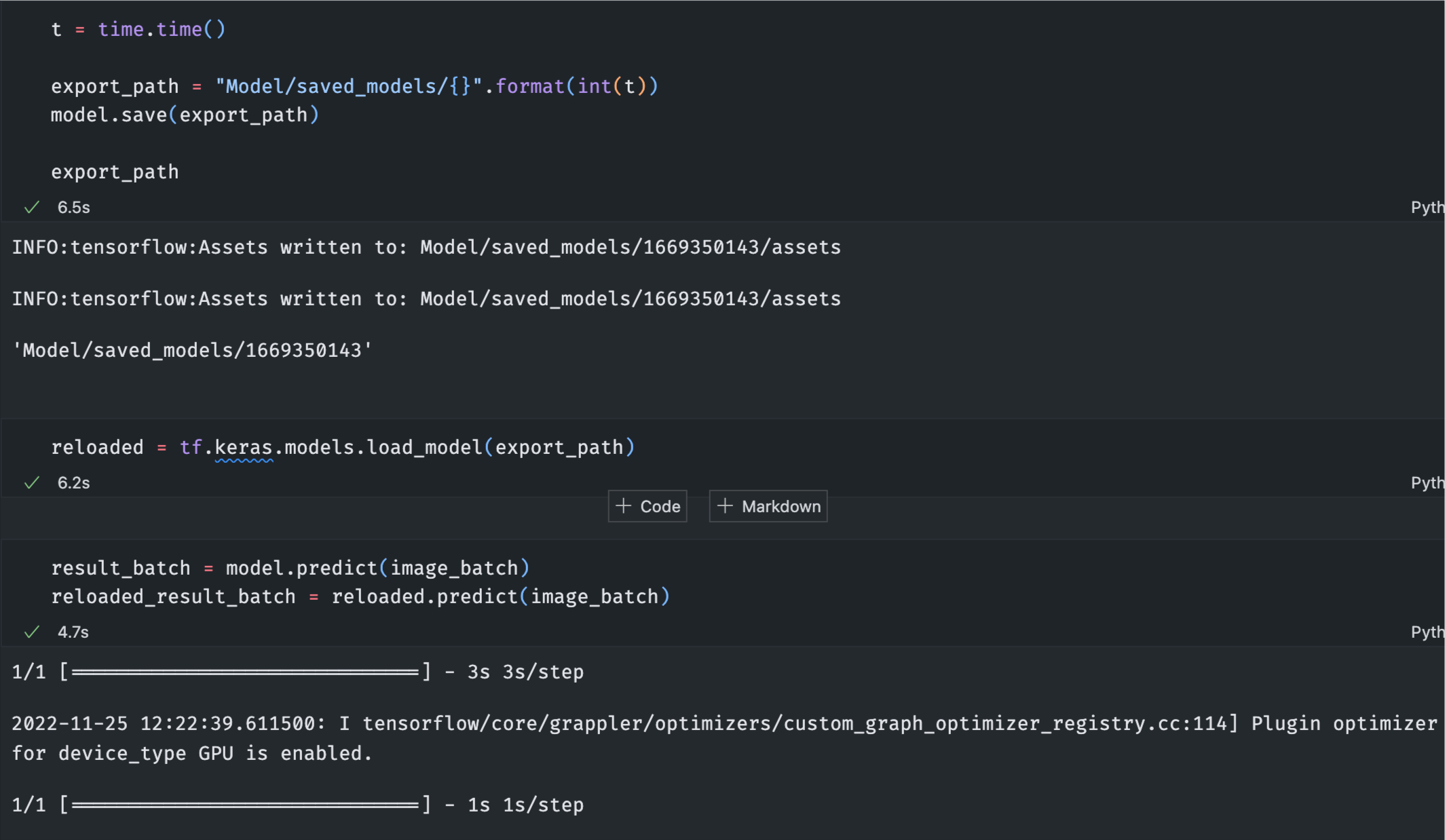
Text

Description automatically generated

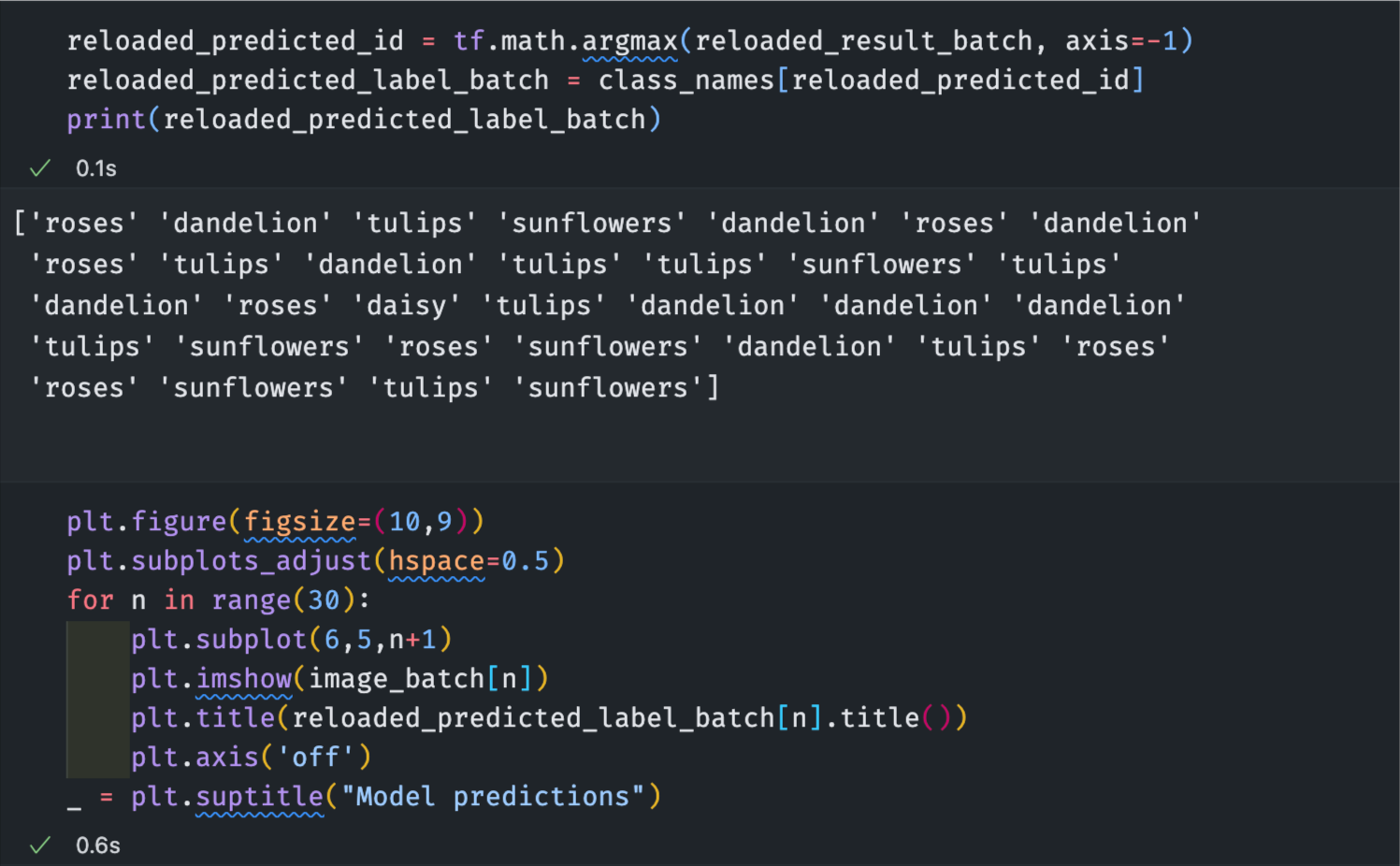
1. Plot the model prediction



1. Export and reload model



1. Re-run the predictions



1. Final results

