In [1]: ▶|
```python
# ATTENTION: Please do not alter any of the provided code in the exercise. Or
# ATTENTION: Please do not add or remove any cells in the exercise. The grade
# ATTENTION: Please use the provided epoch values when training.

# Import all the necessary files!
import os
import tensorflow as tf
from tensorflow.keras import layers
from tensorflow.keras import Model
from os import getcwd
```

In [2]: ▶|
```python
path_inception = f"{getcwd()}/../tmp2/inception_v3_weights_tf_dim_ordering_tf

# Import the inception model
from tensorflow.keras.applications.inception_v3 import InceptionV3

# Create an instance of the inception model from the local pre-trained weight
local_weights_file = path_inception

pre_trained_model = InceptionV3(input_shape = (150, 150, 3),
                                include_top = False, # Remove dense layer bef
                                weights = None) # Don't use default weights

pre_trained_model.load_weights(local_weights_file)

# Make all the layers in the pre-trained model non-trainable
for layer in pre_trained_model.layers:
    layer.trainable = False


# Expected Output is extremely large, but should end with:

#batch_normalization_v1_281 (Bat (None, 3, 3, 192)     576         conv2d_281[
#_____
#activation_273 (Activation)      (None, 3, 3, 320)     0           batch_norma
#_____
#mixed9_1 (Concatenate)           (None, 3, 3, 768)     0           activation_
#                                                                   activation_
#_____
#concatenate_5 (Concatenate)      (None, 3, 3, 768)     0           activation_
#                                                                   activation_
#_____
#activation_281 (Activation)      (None, 3, 3, 192)     0           batch_norma
#_____
#mixed10 (Concatenate)            (None, 3, 3, 2048)    0           activation_
#                                                                   mixed9_1[0]
#                                                                   concatenate
#                                                                   activation_
#==============================================================================
#Total params: 21,802,784
#Trainable params: 0
```