2-3 Feature Map Visualization

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My pic



Code from extract layer 5

if \_\_name\_\_=='\_\_main\_\_':

# get class

c = {}

with open("imagenet1000\_clsidx\_to\_labels.txt") as f:

for line in f:

(key, val) = line.split(":")

c[int(key)] = val.split(",")[0]

# Define image path and select the layer

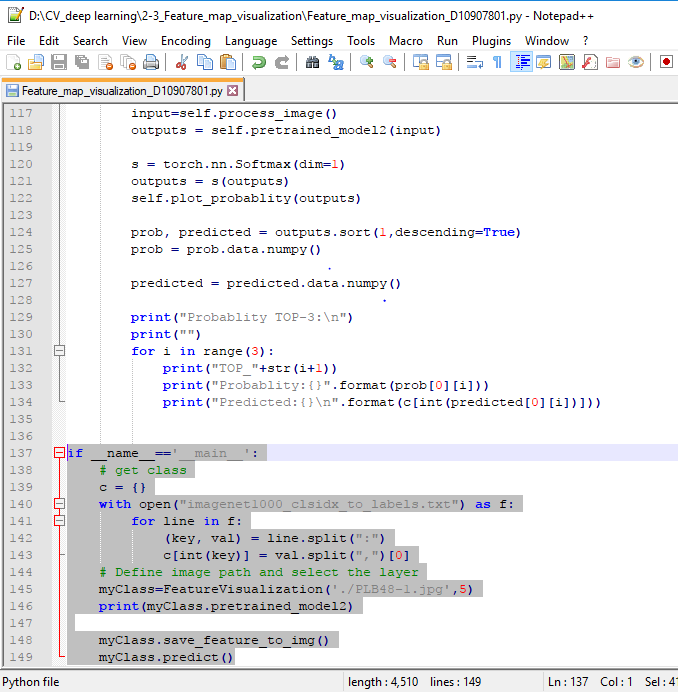
myClass=FeatureVisualization('./PLB48-1.jpg',5)

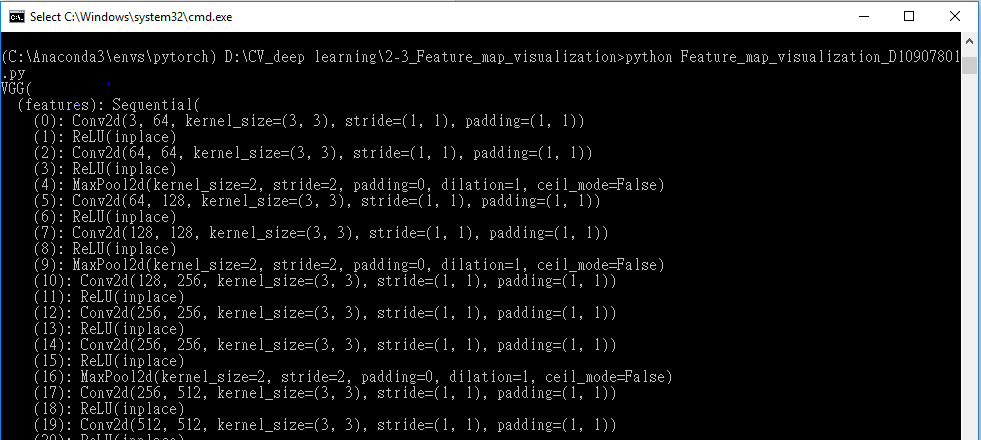
print(myClass.pretrained\_model2)

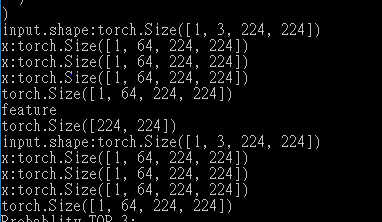
myClass.save\_feature\_to\_img()

myClass.predict()

Code displaying

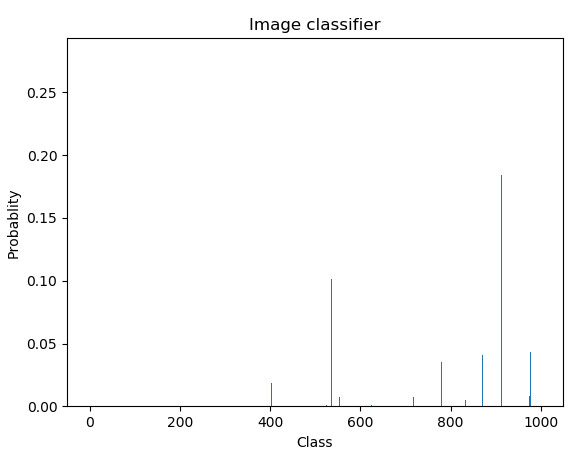


Changing extract from layer 2 (default) to layer 5



224 x 224 pixel , features = 64

Result



Predicted result in top 3 list

