In [11]:
```
from tensorflow.keras.preprocessing.image import load_img
from tensorflow.keras.preprocessing.image import img_to_array
from keras.applications.vgg16 import preprocess_input
from keras.applications.vgg16 import decode_predictions
from keras.applications.vgg16 import VGG16
```

In [23]:
```
image = load_img('download.jpg', target_size=(224, 224))
```

In [24]:
```
image = img_to_array(image)
image = image.reshape((1, image.shape[0], image.shape[1], image.shape[2]))
image = preprocess_input(image)
```

In [ ]:
```

```

In [25]:
```
model = VGG16()
```

In [26]:
```
yhat = model.predict(image)
```

```
1/1 ━━━━━━━━━━━━━━━━━━━━ 0s 327ms/step
```

In [27]:
```
label = decode_predictions(yhat)
```

```
Downloading data from https://storage.googleapis.com/download.tensorflow.org/data/ima
genet_class_index.json
35363/35363 ━━━━━━━━━━━━━━━━━━━━ 0s 0us/step
```

In [28]:
```
label = label[0][0]
```

In [29]:
```
print('%s (%.2f%%)' % (label[1], label[2]*100))
```

```
Egyptian_cat (39.38%)
```

In [ ]:
```

```