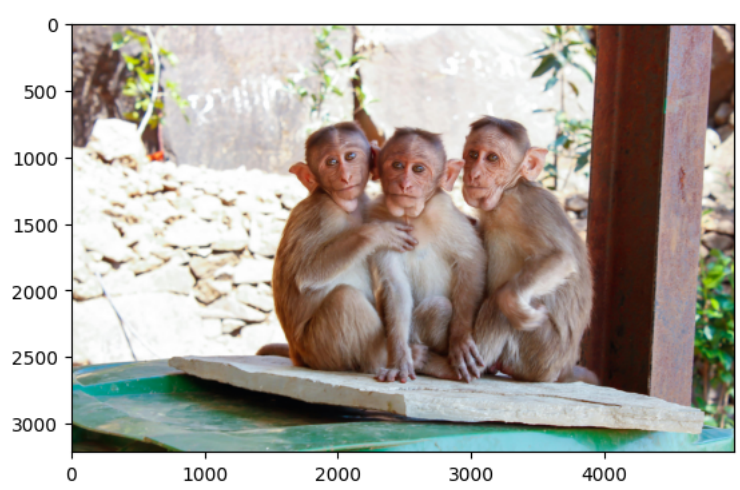
```
import keras
from keras.applications.resnet50 import ResNet50
from keras.applications.resnet50 import preprocess_input, decode_predictions
import numpy as np
import matplotlib.pyplot as plt
import matplotlib.image as mpimg


model = ResNet50(weights='imagenet')


img_path = '/content/monkey.jpg'
img = keras.utils.load_img(img_path, target_size=(224, 224))
x = keras.utils.img_to_array(img)
x = np.expand_dims(x, axis=0)
x = preprocess_input(x)


img = mpimg.imread('/content/monkey.jpg')
plt.imshow(img)
plt.show()
```




```
preds = model.predict(x)
print('Predicted:', decode_predictions(preds, top=3)[0])
```

```
WARNING:tensorflow:5 out of the last 5 calls to <function Model.make_predict_function.<locals>.predict_function at 0x7b50d94f8dc0>
1/1 [==============================] - 2s 2s/step
Predicted: [('n02487347', 'macaque', 0.9280145), ('n02398521', 'hippopotamus', 0.061757486), ('n01877812', 'wallaby', 0.0016095975)
```

Start coding or generate with AI.