```
from logging import error
import io
from google.colab import files
import tensorflow as flow
from tensorflow.keras.preprocessing import image as keraas
from tensorflow.keras.applications.mobilenet_v2 import MobileNetV2, preprocess_input
from PIL import Image
model = MobileNetV2(weights='imagenet')
uploaded_file = files.upload()
image = Image.open(io.BytesIO(uploaded_file[list(uploaded_file.keys())[0]]))
image = image.resize((224, 224))
if image.mode == 'RGBA':
    image = image.convert('RGB')
image_array = keraas.img_to_array(image)
image_array = preprocess_input(image_array)
image_array = flow.expand_dims(image_array, 0)
prediction = model.predict(image_array)
labels = flow.keras.applications.imagenet_utils.decode_predictions(prediction, top=10)[0]
x = [label[1] for label in labels]
print('Well the hashtags you can use are')
print(x)
```

```
Choose Files  Screensho….03 PM.png
• Screenshot 2023-02-03 at 3.58.03 PM.png(image/png) - 1844195 bytes, last modified: 5/21/2023 - 100% done
Saving Screenshot 2023-02-03 at 3.58.03 PM.png to Screenshot 2023-02-03 at 3.58.03 PM (4).png
1/1 [==============================] - 1s 719ms/step
Well the hashtags you can use are
['sandbar', 'wreck', 'cliff', 'seashore', 'promontory', 'megalith', 'yurt', 'breakwater', 'oystercatche
```

*Image 3 *

```
from logging import error
import io
from google.colab import files
import tensorflow as flow
from tensorflow.keras.preprocessing import image as keraas
from tensorflow.keras.applications.mobilenet_v2 import MobileNetV2, preprocess_input
from PIL import Image
model = MobileNetV2(weights='imagenet')
uploaded_file = files.upload()
image = Image.open(io.BytesIO(uploaded_file[list(uploaded_file.keys())[0]]))
image = image.resize((224, 224))
if image.mode == 'RGBA':
    image = image.convert('RGB')
image_array = keraas.img_to_array(image)
image_array = preprocess_input(image_array)
image_array = flow.expand_dims(image_array, 0)
prediction = model.predict(image_array)
labels = flow.keras.applications.imagenet_utils.decode_predictions(prediction, top=10)[0]
x = [label[1] for label in labels]
print('Well the hashtags you can use are')
print(x)
```

```
Choose Files  Screensho….20 PM.png
• Screenshot 2023-02-03 at 3.57.20 PM.png(image/png) - 1469180 bytes, last modified: 5/21/2023 - 100% done
Saving Screenshot 2023-02-03 at 3.57.20 PM.png to Screenshot 2023-02-03 at 3.57.20 PM (
1/1 [==============================] - 1s 685ms/step
Well the hashtags you can use are
```

Image 2

```
from logging import error
import io
from google.colab import files
import tensorflow as flow
from tensorflow.keras.preprocessing import image as keraas
from tensorflow.keras.applications.mobilenet_v2 import MobileNetV2, preprocess_input
from PIL import Image
model = MobileNetV2(weights='imagenet')
uploaded_file = files.upload()
image = Image.open(io.BytesIO(uploaded_file[list(uploaded_file.keys())[0]]))
image = image.resize((224, 224))
if image.mode == 'RGBA':
```

```
    image = image.convert('RGB')
image_array = keraas.img_to_array(image)
image_array = preprocess_input(image_array)
image_array = flow.expand_dims(image_array, 0)
prediction = model.predict(image_array)
labels = flow.keras.applications.imagenet_utils.decode_predictions(prediction, top=10)[0]
x = [label[1] for label in labels]
print('Well the hashtags you can use are')
print(x)
```

```
Choose Files  Screensho….22 PM.png
```

- **Screenshot 2023-02-03 at 3.56.22 PM.png**(image/png) - 2534674 bytes, last modified: 5/21/2023 - 100% done

```
Saving Screenshot 2023-02-03 at 3.56.22 PM.png to Screenshot 2023-02-03 at 3.56.22 PM (2).png
1/1 [==============================] - 1s 708ms/step
Well the hashtags you can use are
["potter's_wheel", 'cup', 'coffee_mug', 'ashcan', 'espresso', 'bucket', 'Crock_Pot', 'jean', 'eggnog', 'tub']
```

Colab paid products - Cancel contracts here

✓ 1m 36s completed at 4:47 AM

Alt+Q