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In [31]: from keras.models import load_model  
from keras.preprocessing import image  
import numpy as np
```

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In [32]: model = load_model("cnn.h5")
```

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In [33]: img = image.load_img("cat.jpg",target_size= (64,64))
```

```
In [34]: x = image.img_to_array(img)  
x = np.expand_dims(x,axis = 0)
```

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In [35]: x.shape
```

```
Out[35]: (1, 64, 64, 3)
```

```
In [36]: pred = model.predict_classes(x)
```

```
In [37]: pred
```

```
Out[37]: array([[1]])
```

```
In [ ]:
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