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how to reade image from path location

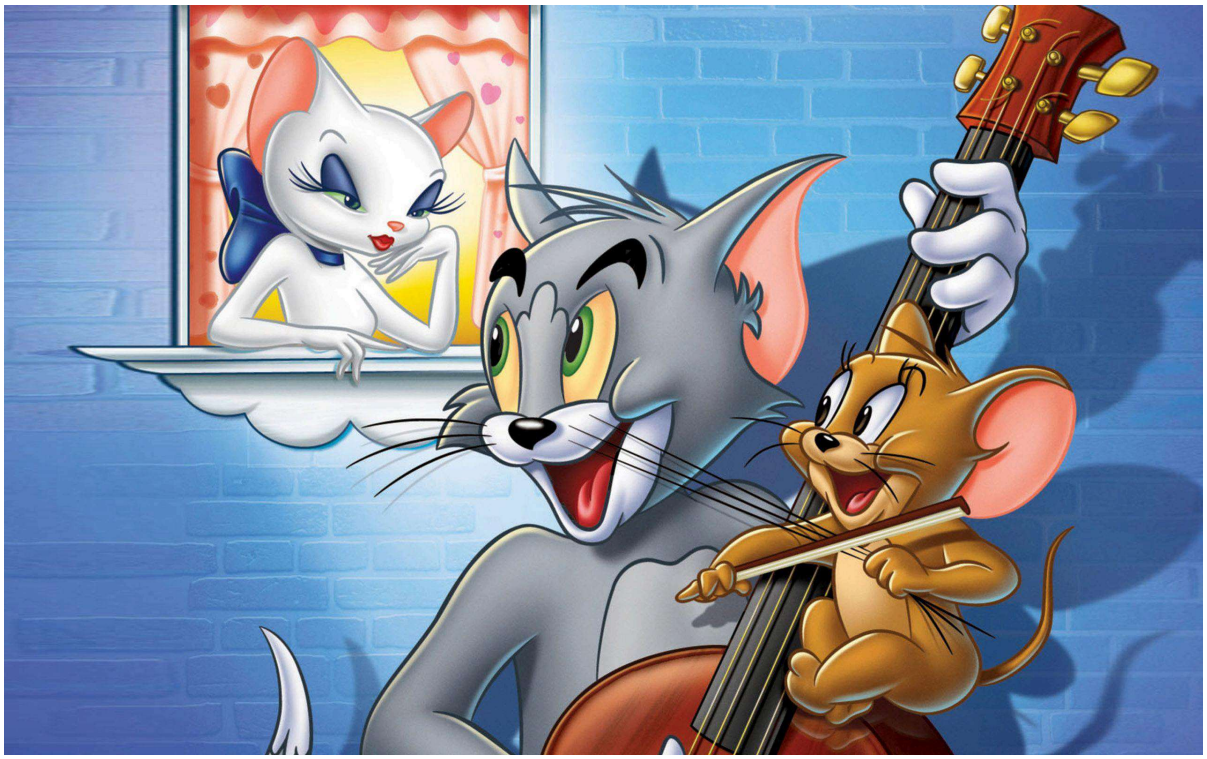
In [62]:
```
import numpy as np
```

In [64]:
```
import matplotlib.pyplot as plt
```

In [66]:
```
from PIL import Image
```

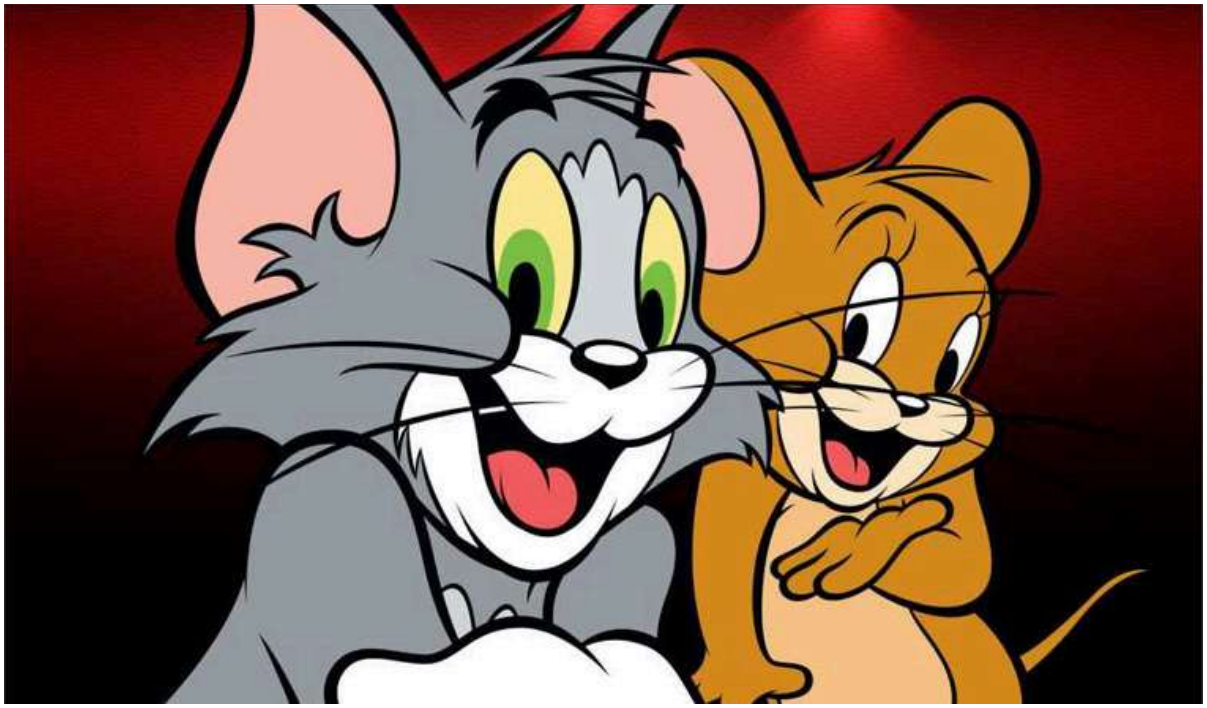
In [68]:
```
image=Image.open(r'C:\Users\pandu\OneDrive\Documents\Desktop\tom&jerry.jpg')
image
```

Out[68]:



In [69]:
```
myimage=Image.open(r'C:\Users\pandu\OneDrive\Documents\Desktop\tom-and-jerry2.jpg')
myimage
```

Out[69]:



In [72]:
```
print(type(image))
print(type(myimage))
```

```
<class 'PIL.JpegImagePlugin.JpegImageFile'>
<class 'PIL.JpegImagePlugin.JpegImageFile'>
```

converting image to array

In [75]:
```
tom_jerry_array=np.asarray(image)
tom_jerry_array
```

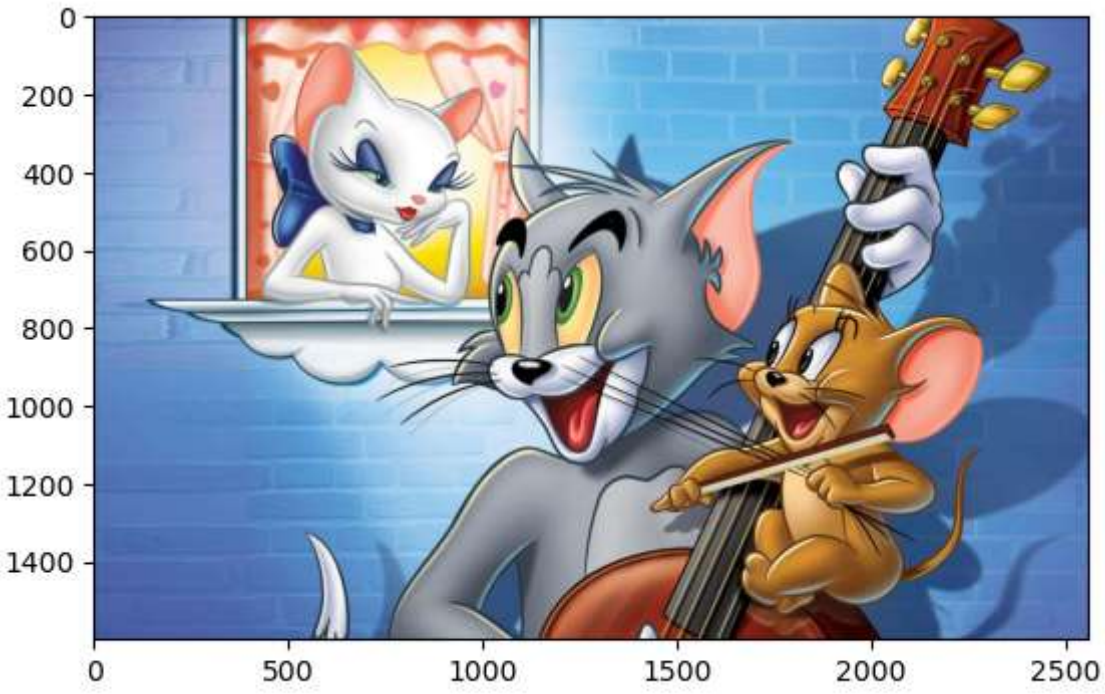
Out[75]:
```
array([[[105, 120, 189],
        [105, 120, 189],
        [105, 120, 189],
        ...,
        [ 78, 101, 171],
        [ 78, 101, 171],
        [ 78, 101, 171]],

       [[102, 117, 186],
        [102, 117, 186],
        [102, 117, 186],
        ...,
        [ 78, 101, 171],
        [ 78, 101, 171],
        [ 78, 101, 171]],

       [[ 98, 113, 180],
        [ 98, 113, 180],
        [ 99, 114, 181],
        ...,
        [ 78, 101, 171],
        [ 78, 101, 171],
        [ 78, 101, 171]],

       ...,

       [[ 67,  89, 164],
        [ 67,  89, 164],
        [ 67,  89, 164],
        ...,
        [ 83, 108, 175],
        [ 83, 108, 175],
        [ 83, 108, 175]],

       [[ 67,  89, 164],
        [ 67,  89, 164],
        [ 67,  89, 164],
        ...,
        [ 83, 108, 175],
        [ 83, 108, 175],
        [ 83, 108, 175]],

       [[ 67,  89, 164],
        [ 67,  89, 164],
        [ 67,  89, 164],
        ...,
        [ 83, 108, 175],
        [ 83, 108, 175],
        [ 83, 108, 175]]], dtype=uint8)
```

In [77]:
```
tom_jerry_array1=np.asarray(myimage)
tom_jerry_array1
```

Out[77]:
```
array([[[78, 54, 50],
        [60, 32, 29],
        [61, 27, 26],
        ...,
        [91, 30, 35],
        [72, 30, 32],
        [73, 49, 47]],

       [[62, 34, 30],
        [45, 14, 11],
        [49, 11, 10],
        ...,
        [68,  7, 12],
        [54, 12, 14],
        [60, 36, 34]],

       [[69, 36, 31],
        [52, 14, 11],
        [49,  8,  6],
        ...,
        [67,  5, 10],
        [54, 12, 14],
        [66, 42, 40]],

       ...,

       [[39, 39, 39],
        [ 0,  0,  0],
        [ 5,  5,  5],
        ...,
        [ 0,  0,  0],
        [ 0,  0,  0],
        [42, 42, 42]],

       [[39, 39, 39],
        [ 0,  0,  0],
        [ 5,  5,  5],
        ...,
        [ 0,  0,  0],
        [ 0,  0,  0],
        [42, 42, 42]],

       [[39, 39, 39],
        [ 0,  0,  0],
        [ 5,  5,  5],
        ...,
        [ 0,  0,  0],
        [ 0,  0,  0],
        [42, 42, 42]]], dtype=uint8)
```

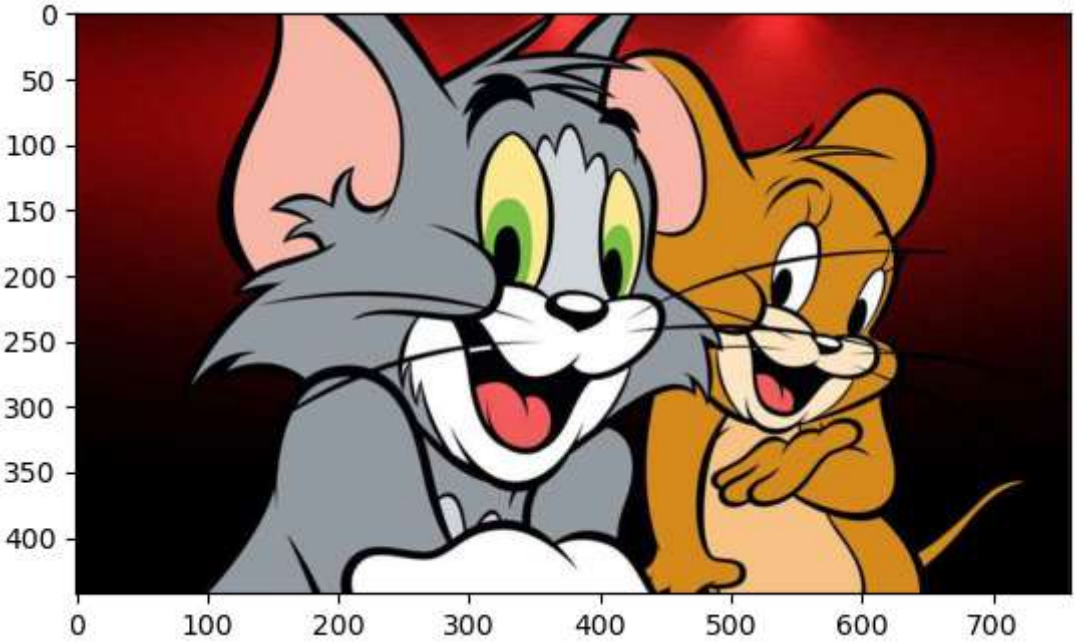
In [79]:
```
plt.imshow(tom_jerry_array)
```

Out[79]:
```
<matplotlib.image.AxesImage at 0x2328d648ef0>
```



In [81]:
```
plt.imshow(tom_jerry_array1)
```

Out[81]:
```
<matplotlib.image.AxesImage at 0x2328d6ac4d0>
```



In [83]:
```
tom_jerry_array.shape
```

Out[83]:
```
(1600, 2560, 3)
```

In [85]:
```
tom_jerry_array1.shape
```

Out[85]:
```
(443, 760, 3)
```

In [ ]: