In [1]:
```
import numpy as np #array
```

In [2]:
```
import matplotlib.pyplot as plt # visualization
```

In [3]:
```
from PIL import Image # python image library
```

In [27]:
```
timage = Image.open(r'C:\Users\ASUS\OneDrive\Desktop\tiger.JPEG ')
```

In [28]:
```
timage
```

Out[28]:

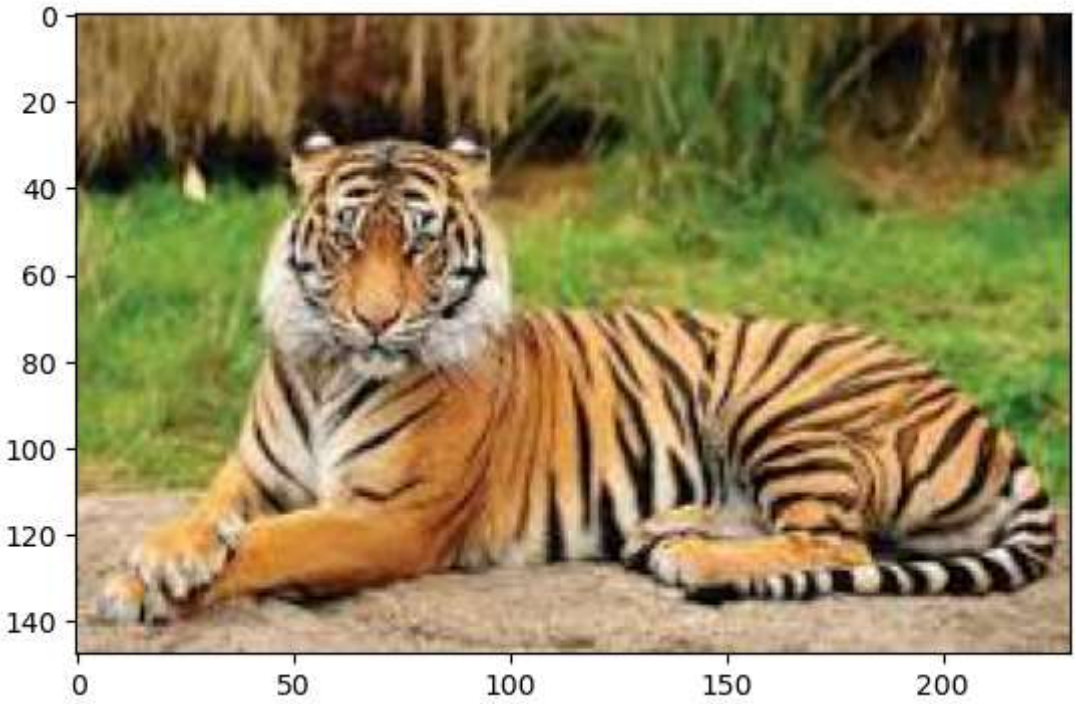
In [32]:
```
print(type(timage))
print(type(feature_image))
```

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

In [36]:
```
tima_arr = np.asarray(timage)
tima_arr
```

Out[36]:
```
array([[[162, 130,  83],
        [163, 131,  82],
        [166, 134,  85],
        ...,
        [ 44,  36,  33],
        [ 40,  32,  29],
        [ 37,  29,  26]],

       [[171, 139,  92],
        [165, 133,  84],
        [160, 128,  79],
        ...,
        [ 33,  28,  24],
        [ 29,  24,  20],
        [ 26,  21,  17]],

       [[167, 135,  88],
        [153, 121,  72],
        [138, 106,  57],
        ...,
        [ 25,  20,  16],
        [ 20,  15,  11],
        [ 17,  12,   8]],

       ...,

       [[202, 176, 151],
        [206, 180, 155],
        [205, 179, 154],
        ...,
        [173, 146, 117],
        [158, 131, 102],
        [154, 127,  98]],

       [[201, 175, 150],
        [201, 175, 150],
        [197, 171, 146],
        ...,
        [194, 167, 138],
        [179, 152, 123],
        [171, 144, 115]],

       [[212, 186, 161],
        [203, 177, 152],
        [185, 159, 134],
        ...,
        [193, 166, 137],
        [180, 153, 124],
        [173, 146, 117]]], dtype=uint8)
```

In [37]:
```
plt.imshow(tima_arr)
plt.show()
```




In [38]:
```
tima_arr.shape
```

Out[38]: (148, 230, 3)

In [41]:
```
fea_arr.shape
```

Out[41]: (1280, 1280, 3)

In [ ]:
```

```