01-11-2025

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

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

In [3]:
```
from PIL import Image
```

In [4]:
```
feature_image = Image.open(r"C:\Users\karthik reddy\OneDrive\Desktop\pk.jpg")
```

In [5]:
```
feature_image
```

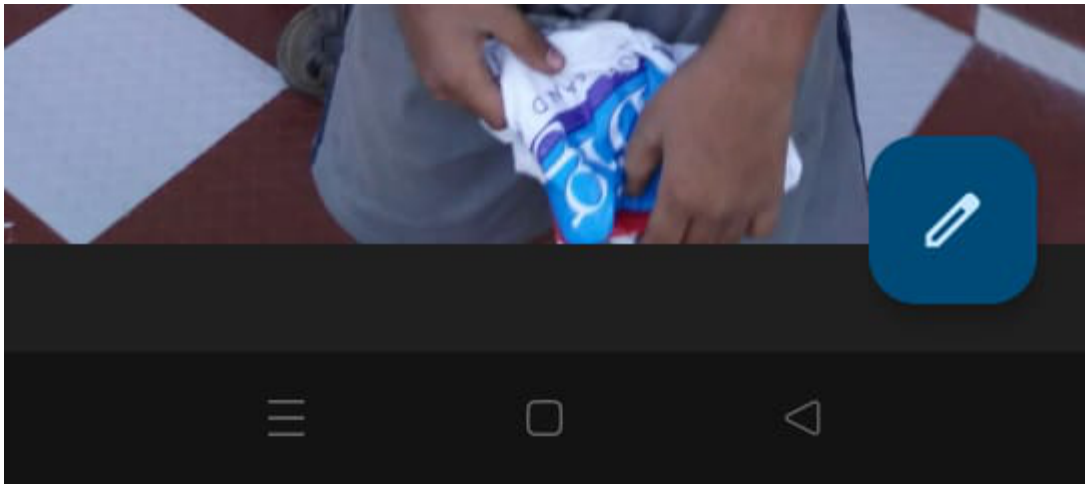
Out[5]:

In [6]:
```
myimage = Image.open("E:\Karthik personal files\Photos_23 March 2024\IMG-20221018-W
```

In [7]:
```
myimage
```

Out[7]:


7:50
3.00 KB/S
IMG_20151224_17...
SCORE
569
SPORTING KNIGHTS
Fashion



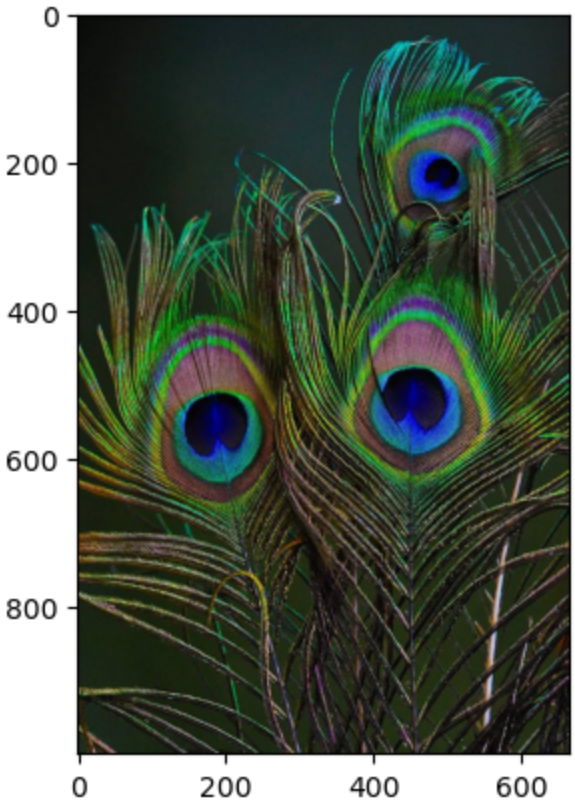
In [8]:
```
print(type(feature_image))
print(type(myimage))
```

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

In [9]:
```
fea_arr = np.asarray(feature_image)
fea_arr
```

Out[9]:
```
array([[[ 9, 11,  8],
        [ 9, 11,  8],
        [ 9, 11,  8],
        ...,
        [31, 32, 26],
        [31, 32, 26],
        [31, 32, 26]],

       [[ 9, 11,  8],
        [ 9, 11,  8],
        [ 9, 11,  8],
        ...,
        [31, 32, 27],
        [31, 32, 27],
        [31, 32, 27]],

       [[10, 12,  9],
        [10, 12,  9],
        [10, 12,  9],
        ...,
        [30, 32, 27],
        [30, 32, 27],
        [30, 32, 27]],

       ...,

       [[27, 47, 38],
        [29, 46, 36],
        [29, 45, 35],
        ...,
        [32, 36, 22],
        [39, 46, 30],
        [48, 57, 38]],

       [[26, 46, 37],
        [27, 44, 34],
        [28, 44, 34],
        ...,
        [25, 29, 15],
        [37, 44, 28],
        [37, 46, 27]],

       [[25, 45, 36],
        [26, 43, 33],
        [27, 43, 33],
        ...,
        [22, 26, 12],
        [34, 41, 25],
        [25, 34, 15]]], dtype=uint8)
```

In [10]:
```
plt.imshow(fea_arr)
plt.show()
```



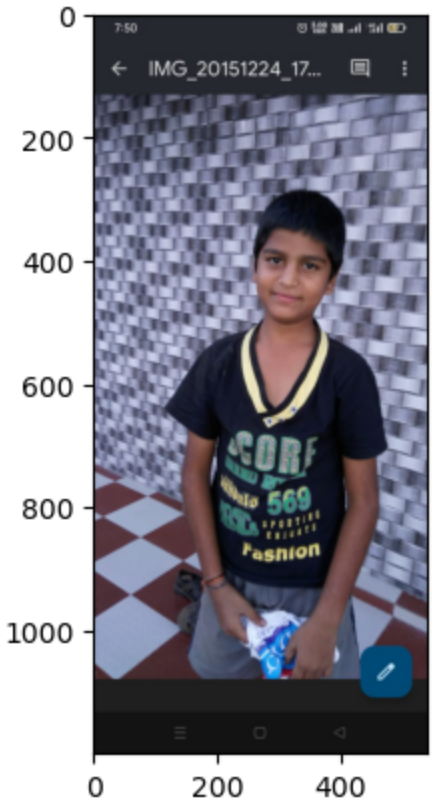
In [11]:
```
fea_arr.shape
```

Out[11]: (1000, 664, 3)

In [12]:
```
my_arr = np.asarray(myimage)
my_arr
```

Out[12]:
```
array([[[37, 40, 47],
        [37, 40, 47],
        [37, 40, 47],
        ...,
        [37, 40, 47],
        [37, 40, 47],
        [37, 40, 47]],

       [[37, 40, 47],
        [37, 40, 47],
        [37, 40, 47],
        ...,
        [37, 40, 47],
        [37, 40, 47],
        [37, 40, 47]],

       [[37, 40, 47],
        [37, 40, 47],
        [37, 40, 47],
        ...,
        [37, 40, 47],
        [37, 40, 47],
        [37, 40, 47]],

       ...,

       [[19, 19, 19],
        [19, 19, 19],
        [19, 19, 19],
        ...,
        [19, 19, 19],
        [19, 19, 19],
        [19, 19, 19]],

       [[19, 19, 19],
        [19, 19, 19],
        [19, 19, 19],
        ...,
        [19, 19, 19],
        [19, 19, 19],
        [19, 19, 19]],

       [[19, 19, 19],
        [19, 19, 19],
        [19, 19, 19],
        ...,
        [19, 19, 19],
        [19, 19, 19],
        [19, 19, 19]]], dtype=uint8)
```

In [13]:
```
plt.imshow(my_arr)
plt.show()
```



In [14]:
```
my_arr.shape
```

Out[14]:
```
(1200, 540, 3)
```

In [ ]:
```

```