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

In [3]:
```
import matplotlib.pyplot as plt #for visuialation-->charts,ghraphs
```

In [4]:
```
from PIL import Image # pil --> librabry or package and image is function in packag
```

In [5]:
```
array_image=Image.open(r'C:\Users\akank\Desktop\wallpaper.jpg')
array_image #r--> for raw image
```

Out[5]:

In [6]:
```
print(type(array_image))
```

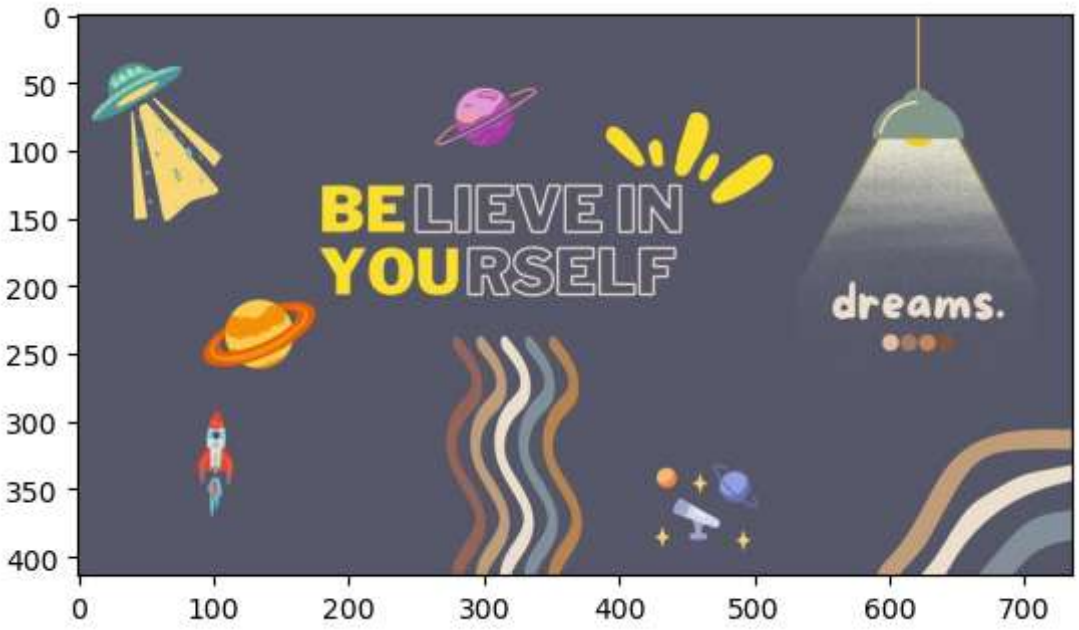
```
<class 'PIL.JpegImagePlugin.JpegImageFile'>
```

In [7]:
```
img_to_array=np.asarray(array_image)#convert image to array
img_to_array
```

Out[7]:
```
array([[[ 86,  87, 105],
        [ 86,  87, 105],
        [ 86,  87, 105],
        ...,
        [ 86,  87, 105],
        [ 86,  87, 105],
        [ 86,  87, 105]],

       [[ 86,  87, 105],
        [ 86,  87, 105],
        [ 86,  87, 105],
        ...,
        [ 86,  87, 105],
        [ 86,  87, 105],
        [ 86,  87, 105]],

       [[ 86,  87, 105],
        [ 86,  87, 105],
        [ 86,  87, 105],
        ...,
        [ 86,  87, 105],
        [ 86,  87, 105],
        [ 86,  87, 105]],

       ...,

       [[ 86,  87, 105],
        [ 86,  87, 105],
        [ 86,  87, 105],
        ...,
        [ 86,  87, 105],
        [ 86,  87, 105],
        [ 86,  87, 105]],

       [[ 86,  87, 105],
        [ 86,  87, 105],
        [ 86,  87, 105],
        ...,
        [ 86,  87, 105],
        [ 86,  87, 105],
        [ 86,  87, 105]],

       [[ 86,  87, 105],
        [ 86,  87, 105],
        [ 86,  87, 105],
        ...,
        [ 86,  87, 105],
        [ 86,  87, 105],
        [ 86,  87, 105]]], dtype=uint8)
```

In [8]:
```
plt.imshow(img_to_array)
```

Out[8]:
```
<matplotlib.image.AxesImage at 0x218470e2ba0>
```



In [9]:
```
img_to_array.shape
```

Out[9]:
```
(414, 736, 3)
```

In [ ]:
```

```