In [4]:
```
import numpy as np
```

In [5]:
```
import matplotlib.pyplot as plt
```

In [6]:
```
from PIL import Image
```

In [7]:
```
bimage = Image.open(r'C:\Users\shaik\Downloads\beautiful nature.jpg')
bimage
```

Out[7]:

In [8]:
```
print(type(bimage))
```

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

In [15]:
```
nat_arr=np.asarray(bimage)
nat_arr
```

Out[15]:
```
array([[[109,  84,  80],
        [108,  83,  79],
        [111,  83,  80],
        ...,
        [ 50,  58,  71],
        [ 50,  58,  71],
        [ 51,  59,  72]],

       [[111,  86,  82],
        [111,  86,  82],
        [113,  85,  82],
        ...,
        [ 50,  58,  71],
        [ 51,  59,  72],
        [ 51,  59,  72]],

       [[113,  88,  84],
        [113,  88,  84],
        [116,  88,  85],
        ...,
        [ 51,  59,  72],
        [ 51,  59,  72],
        [ 52,  60,  73]],

       ...,

       [[ 33,  57,   0],
        [ 28,  58,   6],
        [ 15,  47,   6],
        ...,
        [ 62,  73,   7],
        [ 45,  55,   0],
        [ 47,  56,   0]],

       [[ 44,  68,   6],
        [ 19,  49,   0],
        [ 11,  41,   3],
        ...,
        [ 44,  55,   0],
        [ 56,  65,   8],
        [ 45,  53,   6]],

       [[ 42,  68,   3],
        [  8,  38,   0],
        [ 11,  38,   3],
        ...,
        [ 49,  60,   0],
        [ 62,  71,  18],
        [ 27,  34,   0]]], dtype=uint8)
```

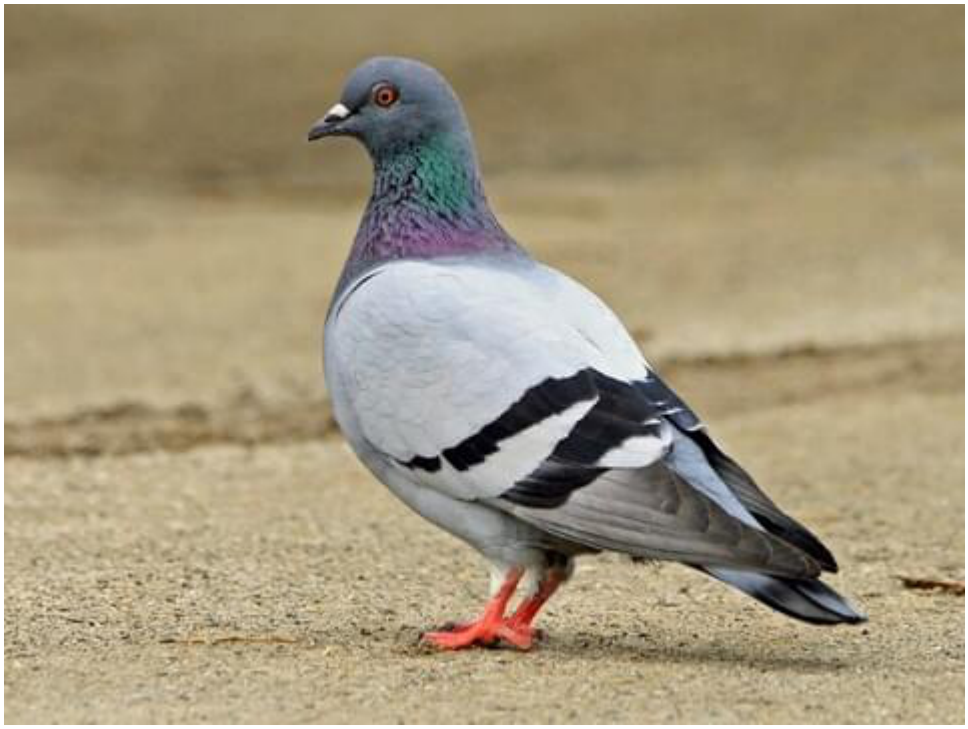
In [16]:
```
plt.imshow(bimage)
plt.show()
```


In [17]:
```
nat_arr.shape
```

Out[17]:
```
(384, 612, 3)
```

In [18]:
```
gimage = Image.open(r'C:\Users\shaik\Downloads\bird.jpg')
gimage
```

Out[18]:

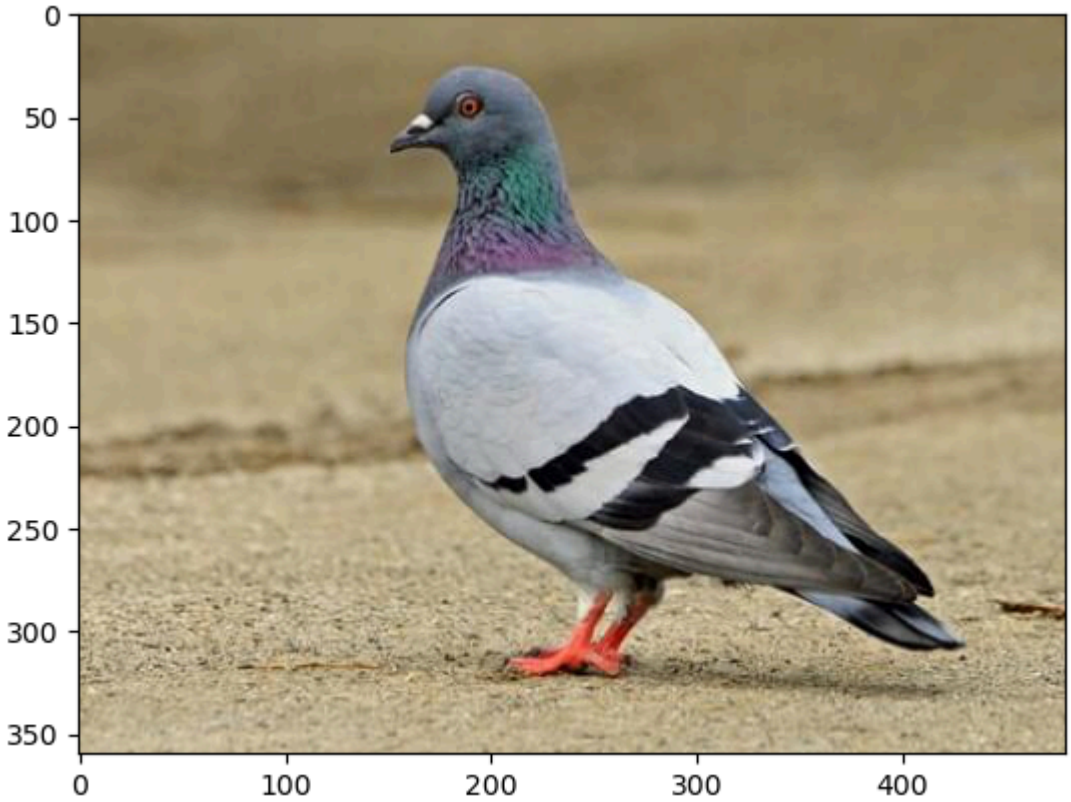


In [21]:
```
pigeon_arr = np.asarray(gimage)
pigeon_arr
```

Out[21]:
```
array([[[136, 120,  86],
        [136, 120,  86],
        [137, 121,  87],
        ...,
        [145, 129,  93],
        [146, 130,  94],
        [146, 130,  94]],

       [[136, 120,  86],
        [136, 120,  86],
        [137, 121,  87],
        ...,
        [144, 128,  92],
        [144, 128,  92],
        [144, 128,  92]],

       [[135, 119,  85],
        [135, 119,  85],
        [136, 120,  86],
        ...,
        [142, 126,  90],
        [142, 126,  90],
        [141, 125,  89]],

       ...,

       [[200, 187, 152],
        [199, 186, 151],
        [197, 184, 150],
        ...,
        [204, 192, 154],
        [185, 173, 135],
        [173, 161, 123]],

       [[202, 189, 154],
        [201, 188, 153],
        [198, 185, 151],
        ...,
        [200, 188, 150],
        [184, 172, 134],
        [176, 164, 126]],

       [[199, 186, 151],
        [198, 185, 150],
        [196, 183, 149],
        ...,
        [191, 179, 141],
        [188, 176, 138],
        [197, 185, 147]]], dtype=uint8)
```

In [22]:
```
plt.imshow(gimage)
plt.show
```

Out[22]:
```
<function matplotlib.pyplot.show(close=None, block=None)>
```




In [23]:
```
pigeon_arr.shape
```

Out[23]:
```
(360, 480, 3)
```

In [ ]:

In [ ]:

In [ ]: