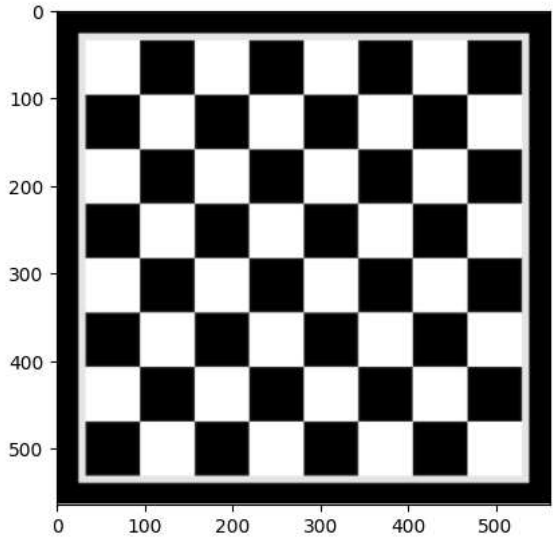
```
import cv2
import numpy as np
import matplotlib.pyplot as plt
%matplotlib inline


image1=cv2.imread('/content/chessboard.png')
plt.imshow(image1)
image1.shape
```

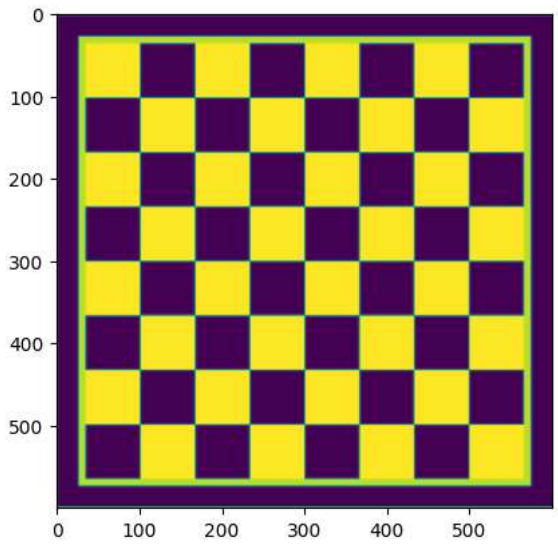
```
(565, 562, 3)
```




```
image=cv2.resize(image1,(600,600))
gray=cv2.cvtColor(image,cv2.COLOR_BGR2GRAY)
plt.imshow(gray)

image.shape
# for grid detection the height and width should be the same
```

```
(600, 600, 3)
```




```
# define the size of the grid ( number of inner croners to be found )
chess_size = (7,7)

# find the corners of the chessboard
# ret-> Return boolean ; corner avaliable or not(true or false)
#Corners ->Returns values

#If corners are found
# Draw circles at the corners and display
ret,corners = cv2.findChessboardCorners(gray,chess_size,None)


if ret:
  cv2.drawChessboardCorners(image1,chess_size,corners,ret)
  plt.imshow(image1)
```

```
else:
  print("achichoo")
```