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Year: 3rd year (2019-2023)

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PLACE – centenary colony, Peddapalli district, Telangana.

PROJECT DETAILS :-

CHESS-BOARD:

This Mini-Project is about creating a Chess Board using Image Processing.

The project is interesting, I used slicing concept to build the chess board of 8 X 8 matrix.

Here is the code that I written –

```
import cv2
import numpy as np
img=np.zeros((800,800,3))
img[0:100,0:100]=255,255,255
img[0:100,200:300]=255,255,255
img[0:100,400:500]=255,255,255
img[0:100,600:700]=255,255,255
img[100:200,100:200]=255,255,255
img[100:200,300:400]=255,255,255
img[100:200,500:600]=255,255,255
img[100:200,700:800]=255,255,255
img[200:300,0:100]=255,255,255
img[200:300,200:300]=255,255,255
img[200:300,400:500]=255,255,255
img[200:300,600:700]=255,255,255
img[300:400,100:200]=255,255,255
img[300:400,300:400]=255,255,255
img[300:400,500:600]=255,255,255
img[300:400,700:800]=255,255,255
img[400:500,0:100]=255,255,255
img[400:500,200:300]=255,255,255
img[400:500,400:500]=255,255,255
img[400:500,600:700]=255,255,255
img[500:600,100:200]=255,255,255
img[500:600,300:400]=255,255,255
img[500:600,500:600]=255,255,255
img[500:600,700:800]=255,255,255
img[600:700,0:100]=255,255,255
```

img[600:700,200:300]=255,255,255

img[600:700,400:500]=255,255,255

img[600:700,600:700]=255,255,255

img[700:800,100:200]=255,255,255

img[700:800,300:400]=255,255,255

img[700:800,500:600]=255,255,255

img[700:800,700:800]=255,255,255

cv2.imshow('CHESS BOARD',img)

cv2.waitKey(0)

cv2.destroyAllWindows()

This is the output of the project –