

UJJWAL MATHUR

IIT DELHI

COMPUTER SCIENCE ENGINEERING

MINI PROJECT [RINEX]
[MACHINE LEARNING]

8x8 CHECKERS BOARD

#CODE:

```
# 8X8 chess board
```

```
import numpy as np
```

```
import cv2
```

```
img = np.zeros((800,800,3))
```

```
for i in range(0,8):
```

```
    if (i%2==0):
```

```
        for j in range(0,8,2):
```

```
            img[100*i:100*(i+1),100*j:100*(j+1)] = 255,255,255
```

```
    else:
```

```
        for j in range(1,9,2):
```

```
            img[100*i:100*(i+1),100*j:100*(j+1)] = 255,255,255
```

```
cv2.imshow('8X8 chess board',img)
```

```
cv2.waitKey(2000)
```

```
cv2.destrooyAllWindows()
```

```
# A Screenshot of the code and the chess board is on the next page.
```

mini project.py - C:/Users/ujjwa/OneDrive/Desktop/img read nrex/mini project.py (3.10.5)
File Edit Format Run Options Window Help

```
# 8X8 chess board

import numpy as np
import cv2
img = np.zeros((800,800,3))

for i in range(0,8):
    if (i%2==0):
        for j in range(0,8,2):
            img[100*i:100*(i+1),100*j:100*(j+1)] = 255,255,255
    else:
        for j in range(1,8,2):
            img[100*i:100*(i+1),100*j:100*(j+1)] = 255,255,255

cv2.imshow('8X8 chess board',img)
cv2.waitKey(2000)
cv2.destroyAllWindows()
```

