

## MINI PROJECT -2

#MINI PROJECT 2

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#GITHUB - <https://github.com/PHENOL47/8X8-CHECKER-BOARD-OPNCV>

#MAKING A 8X8 CHECKER BOARD

import cv2 #IMPORTING THE LIBRARIES

import numpy as np

c=0

m=0

img = np.zeros((800,800,3))#TAKING A IMAGE OF DIMENSION 800X800 WITH SOLID COLOR BLACK

for i in range(0,800,100):

    c=c+1 #INCREMENTING WITH EACH CYCLE

    for j in range(0,800,100):

        m=m+1 #INCREAMENTING WITH EACH CYCLE

        if (c+m)%2 == 0: #WE NEED WHITES IN POSITIONS OF 1 , 3 , 5...UPTO 64 .

            img[j:j+100,i:i+100]=255,255,255 #WHEN WE FIND SUCH POSITION WE WILL CHANGE COLOR TO WHITE

img1= cv2.resize(img,None,fx=0.75,fy=0.75) #resizing the image to fit in screen

cv2.imshow('8X8 CHECKERBOARD',img1) #displaying the image

cv2.waitKey(0)

cv2.destroyAllWindows()

# OUTPUT -

