

Program 7

October 25, 2022

1 PROGRAM 7

Aim : Check board pattern `[[0 0 0 0 1 1 1 1] [1 1 1 1 0 0 0 0] [0 0 0 0 1 1 1 1] [1 1 1 1 0 0 0 0] [0 0 0 0 1 1 1 1] [1 1 1 1 0 0 0 0] [0 0 0 0 1 1 1 1] [1 1 1 1 0 0 0 0]]` ##### Date :17/08/2022
By :Anu C Scharia

```
[1]: import numpy as np
arr=np.zeros((8,8),dtype=int)
arr[0::2,4::]=1
arr[1::2,:4]=1
print(arr)
```

```
[[0 0 0 0 1 1 1 1]
 [1 1 1 1 0 0 0 0]
 [0 0 0 0 1 1 1 1]
 [1 1 1 1 0 0 0 0]
 [0 0 0 0 1 1 1 1]
 [1 1 1 1 0 0 0 0]
 [0 0 0 0 1 1 1 1]
 [1 1 1 1 0 0 0 0]]
```

```
[ ]:
```