

# Program 8

October 25, 2022

## 1 PROGRAM 8

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

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

arr[0:1:1,4:6:]=1
arr[1:3:,6::]=1

arr[3:4:1,4:6:]=1
arr[4:5:,6::]=1

arr[5:7:1,4:6:]=1
arr[7::1,6::]=1
print(arr)
```

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

```
[ ]:
```