

## Answer on Question #68223, Programming & Computer Science / Python

### Question:

Use for loops to produce the following array

```
import numpy as np
n = 5
A = np.zeros((n,n))
```

```
[0 0 0 0 0
 1 0 0 0 0
 4 9 0 0 0
 16 25 36 0 0
 49 64 81 100 0]
```

### Solution:

```
import numpy as np
n = 5
A = np.zeros((n,n))

value = 1
for i in range(n):
    for j in range(i):
        A[i][j] = value * value
        value += 1
print(A)
```