```python
# write a program to add two square matrix by numpy
a = [[1,2],[4,5]]
b = [[1,2],[4,5]]
c = [[0,0],[0,0]]

for i in range(len(a)):
    for j in range(len(a[0])):
        c[i][j] = a[i][j] + b[i][j]
for i in range (len(c)):
    print(c[i])
```

Ln: 1 Col: 0

IDLE Shell 3.10.10

File Edit Shell Debug Options Window Help

```
Python 3.10.10 (tags/v3.10.10:aad5f6a, Feb  7 2023, 17:20:36) [MSC v.1929 64 bit (AMD64)
] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
=============== RESTART: E:\GITAM\4th sem\PYTHON  LAB\program7.py ==============
[2, 4]
[8, 10]
>>>
```