Inverse-of-matrix

AIM:

to write a python progarm to find the inverse f the matrix

ALGORITHM:

Step 1:

Use import numpy as np.

Step 2:

enter the input.

Step 3:

use.append().

Step 4:

use*to multiply two matrix

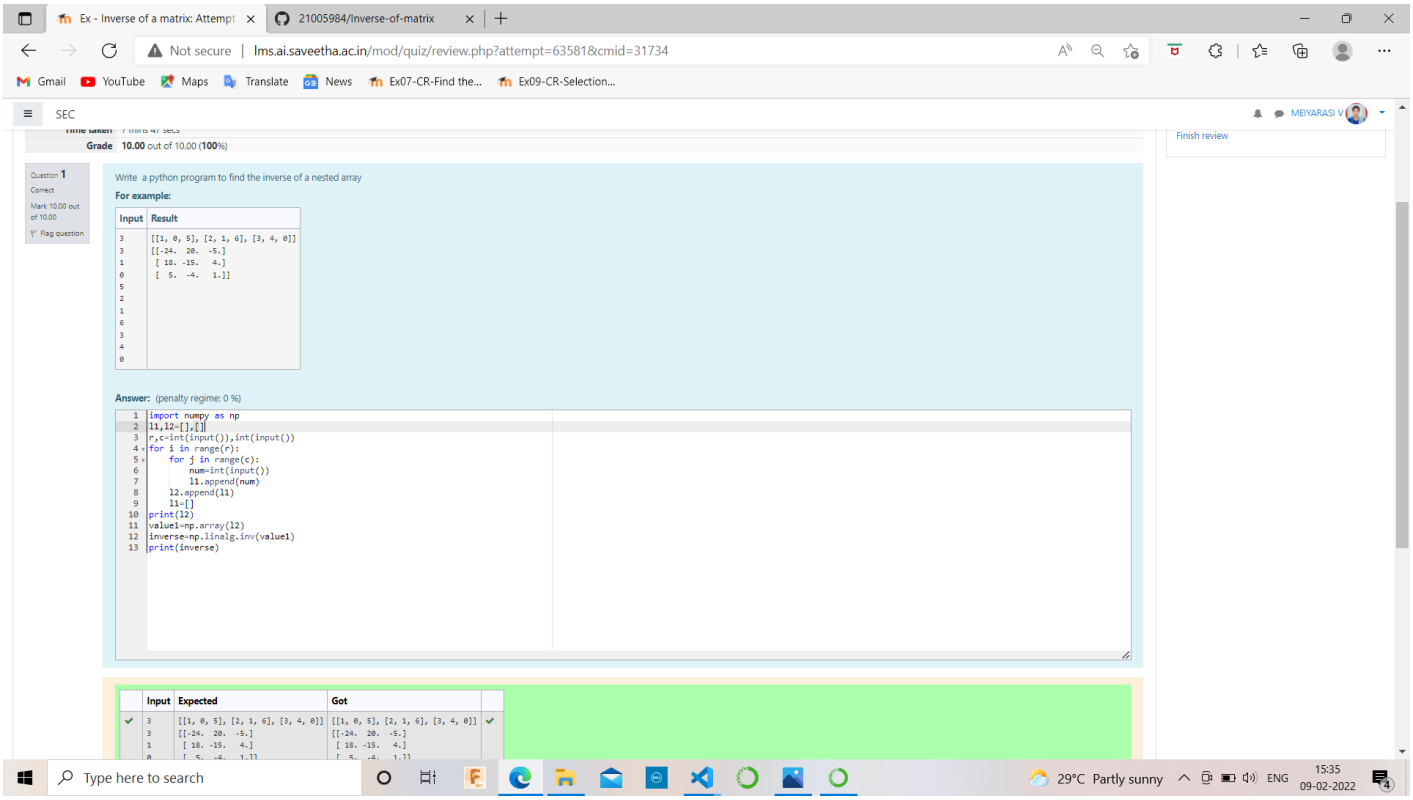
Step 5:

print

PROGRAM:

```
import numpy as np
l1,l2=[],[]
r,c=int(input()),int(input())
for i in range(r):
    for j in range(c):
        num=int(input())
        l1.append(num)
    l2.append(l1)
    l1=[]
print(l2)
value1=np.array(l2)
inverse=np.linalg.inv(value1)
print(inverse)
```

OUTPUT:



RESULT: