Outer Loop -> deals with rows

Inner Loop -> deals with Columns

Example:

Get powers of:

1^1 , 1^2, 1^3, 1^4, 1^5

2^1, 2^2, 2^3, 2^4, 2^5

3^1, 3^2, 3^3, 3^4, 3^5

…

Til 10

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| X^1 | X^2 | X^3 | X^4 | X^5 |
| 1 | 1 | 1 | 1 | 1 |
| 2 | 4 | 8 | 16 | 32 |
| 3 | 9 | 27 | .. | .. |
| 4 | 16 | 64 | .. | .. |
| 5 | 25 | 125 | .. | .. |

for i in range(1,6):

for j in range(1,5):

print(i\*\*j,end=" ")

print()

s

0010

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |