

```
import numpy as np

vetor = np.zeros((1,4))
matriz = np.zeros((4,4))

for l in range (1):
    for c in range (4):
        print('forneça os elementos do vetor (',l,c,')')
        vetor[l][c]=int(input())
print('vetor = ')
print(vetor)

for l in range (4):
    for c in range (4):
        print('forneça os elementos do vetor (',l,c,')')
        matriz[l][c]=int(input())
print('matriz = ')
print(matriz)

mult = vetor.dot(matriz)
print('mult vetor x matriz = ')
print(mult)
```