```
import numpy as np
```

Matrix multiplication

```
a = np.array([[1, -3, 2], [4, 0, -5]])
print(a)
```

```
[[ 1 -3  2]
 [ 4  0 -5]]
```

```
a.shape
```

```
(2, 3)
```

```
b= np.array([[3],[1],[2]])
print(b)
```

```
[[3]
 [1]
 [2]]
```

```
c = np.matmul(a,b)
print(c)
```

```
[[4]
 [2]]
```

```
d = np.dot(a,b )
print(d)
```

```
[[4]
 [2]]
```

```
d.shape
```

```
(2, 1)
```