

```
In [9]: import numpy as np
# to create 2D array
num=np.array([[2,3,4],[5,6,7],[8,9,10]])
print("2d Array is:")
print(num)
print("No of Diamnention:")
print(num.ndim)
```

```
2d Array is:
[[ 2  3  4]
 [ 5  6  7]
 [ 8  9 10]]
No of Diamnention:
2
```

```
In [7]: import numpy as np
# to create 3D array
num1=np.array([[[1,2,8],[3,4,9]], [[5,6,7],[10,11,12]], [[13,14,15],[16,17,18]]])
print("3D Array is:")
print(num1)
print("Size of the array is:")
print(num1.size)
print("Shape of the array is:")
print(num1.shape)
print("No of Diamnention:")
print(num1.ndim)
#by array function
```

```
3D Array is:
[[[ 1  2  8]
  [ 3  4  9]]

 [[ 5  6  7]
  [10 11 12]]

 [[13 14 15]
  [16 17 18]]]
Size of the array is:
18
Shape of the array is:
(3, 2, 3)
No of Diamnention:
3
```

```
In [ ]:
```