

Practical Ques. P4

#create single dimension / multi-dimension arrays and array with specific values like array of all zeroes ,

#array with random values within a range o diagonal matix.

```
a = [2,3,4,5]
```

```
x = np.zeros([3,3])
```

```
print(x)
```

```
y = np.ones([3,3])
```

```
print(y)
```

```
z = np.diag([3,3,3])
```

```
print(z)
```

```
[[0.  0.  0.]
 [0.  0.  0.]
 [0.  0.  0.]]
[[1.  1.  1.]
 [1.  1.  1.]
 [1.  1.  1.]]
[[3  0  0]
 [0  3  0]
 [0  0  3]]
```