In [3]:
```
import numpy as np
arr = np.concatenate((np.zeros(10), np.ones(10), np.full(10, 5)))
print(arr)
```

```
[0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 5. 5. 5. 5.
 5. 5. 5. 5. 5. 5.]
```

In [4]:
```
import numpy as np
mat = np.arange(2, 11).reshape(3, 3)
print(mat)
```

```
[[ 2  3  4]
 [ 5  6  7]
 [ 8  9 10]]
```

In [5]:
```
import numpy as np
arr = np.arange(12, 39)
print(arr)
```

```
[12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35
 36 37 38]
```

In [6]:
```
import numpy as np
lis = [1, 2, 3, 4, 5, 6, 7, 8]
tup = ([8, 4, 6], [1, 2, 3])

arr = np.array(lis)
tup_arr = np.array(tup)

print("Array from list:", arr)
print("Array from tuple:\n", tup_arr)
```

```
Array from list: [1 2 3 4 5 6 7 8]
Array from tuple:
 [[8 4 6]
 [1 2 3]]
```

In [ ]:
```

```