In [3]:
```
import numpy as np
L = [1, 2, 3, 4, 5]
RES = np.array(L)
print("Numpy Array:", RES)

# Display first and last index
print("First Element:", RES[0])
print("Last Element:", RES[-1])

# Multiply each element by 2
MULTI = RES * 2
print("Array after multiplication:", MULTI)
```

```
Numpy Array: [1 2 3 4 5]
First Element: 1
Last Element: 5
Array after multiplication: [ 2  4  6  8 10]
```

In [4]:
```
import numpy as np

# Creating an array from 0 to 20 with a step of 2
even_numbers = np.arange(0, 21, 2)

# Display the array
print("Array using arange():", even_numbers)
```

```
Array using arange(): [ 0  2  4  6  8 10 12 14 16 18 20]
```

In [5]:
```
import numpy as np

# Creating a NumPy array with given values
random_values = np.array([10, 25, 5, 18, 30])

# Finding the maximum and minimum values
max_value = np.max(random_values)
min_value = np.min(random_values)

# Displaying the results
print("Array:", random_values)
print("Maximum Value:", max_value)
print("Minimum Value:", min_value)
```

```
Array: [10 25  5 18 30]
Maximum Value: 30
Minimum Value: 5
```

In [6]:
```
import numpy as np

# Creating a NumPy array from 1 to 10
counting_numbers = np.arange(1, 11)

# Calculating the sum of all elements
total_sum = np.sum(counting_numbers)

# Displaying the results
```

```
print("Array from 1 to 10:", counting_numbers)
print("Sum of all elements:", total_sum)
```

```
Array from 1 to 10: [ 1  2  3  4  5  6  7  8  9 10]
Sum of all elements: 55
```

In [ ]: