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In [1]: import numpy as np

my_list = [1, 2, 3, 4, 5]
arr = np.array(my_list)

print("Array:", arr)
print("\nFirst element:", arr[0])
print("Last element:", arr[-1])

doubled_arr = arr * 2
print("\nArray after doubling each element:")
print(doubled_arr)
```

Array: [1 2 3 4 5]

First element: 1
Last element: 5

Array after doubling each element:
[2 4 6 8 10]

```
In [2]: import numpy as np

scores = np.array([85, 92, 78, 90, 88, 76, 95, 89])

highest = np.max(scores)
lowest = np.min(scores)

print("Highest score:", highest)
print("Lowest score:", lowest)
```

Highest score: 95
Lowest score: 76

```
In [3]: import numpy as np

monthly_expenses = np.array([1200, 1500, 1300, 1600, 1400, 1550, 1700, 1450, 1350, 1250, 1500, 1800])

total_yearly = np.sum(monthly_expenses)
print("Total yearly expense:", total_yearly)
```

Total yearly expense: 17600

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

even_numbers = np.arange(10, 51, 2)
print("Even numbers between 10 and 50:")
print(even_numbers)
```

Even numbers between 10 and 50:
[10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50]

In []: