In [11]:
```python
'''Q1..Convert the below list into numpy array then display the array then display the first and last index and then
element by 2 and display the result.'''

import numpy as np
my_list=[1,2,3,4,5]
arr=np.array(my_list)
print('Numpy array',arr)
print('First element:',arr[0])
print('Last element:',arr[-1])
result=arr*2
print('Result:',result)
```

```
Numpy array [1 2 3 4 5]
First element: 1
Last element: 5
Result: [ 2  4  6  8 10]
```

In [13]:
```python
'''Q2..You have a list of exam scores. Find the highest and lowest score.'''

scores = [88, 92, 79, 93, 85, 77, 91]
highest_score = max(scores)
lowest_score = min(scores)
print("Highest score:", highest_score)
print("Lowest score:", lowest_score)
```

```
Highest score: 93
Lowest score: 77
```

In [15]:
```python
'''Q3..You have monthly expenses. Calculate the total yearly expense.'''

monthly_expenses = [1200, 1100, 1150, 1300, 1250, 1400, 1350, 1200, 1250, 1300, 1100, 1150]
total_yearly_expense = sum(monthly_expenses)
print("Total yearly expense:", total_yearly_expense)
```

```
Total yearly expense: 14750
```

In [17]:
```python
'''Q4..Generate even numbers between 10 and 50.'''

numbers = list(range(10, 51, 2))
print("Even numbers between 10 and 50:", 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 [ ]: