Create Arrays

- Create a 1D NumPy array with values from 10 to 50
- Create a 3×3 matrix with random integers between 1 and 100

Array Operations

- Find the **mean**, **median**, and **standard deviation** of the array in (1)
- Replace all odd numbers in the array with -1
- Reshape the 3×3 matrix into a 1×9 array

Logical Operations

- Find all elements greater than 25 in your array
- Count how many elements are divisible by 5

Create Series and DataFrame

- Create a Series scores with values: [87, 45, 92, 67, 55], and index as ['A', 'B', 'C', 'D', 'E']
- Create a DataFrame students with columns:
    - 'Name': ['Alice', 'Bob', 'Charlie', 'David', 'Eva']
    - 'Math': [87, 45, 92, 67, 55]
    - 'Science': [78, 66, 80, 72, 60]

DataFrame Operations

- Add a new column "Average" = average of Math and Science scores
- Sort the DataFrame by "Average" in descending order
- Filter students who scored **more than 70** in both subjects

Missing Data Handling

- Add a new row with missing values (e.g., name: 'Frank', Math: NaN, Science: NaN)
- Fill missing values with column means
- Drop rows with any remaining NaN (if any)