

## Assignment 1

**Q-1:** Create a 1D NumPy array with elements from 1 to 10.

**Q-2:** Create a 2D NumPy array with a shape of (3, 4) containing random integers.

**Q-3:** Perform element-wise addition, subtraction, multiplication, and division on two arrays.

**Q-4:** Extract and print the elements at even indices from a 1D array.

**Q-5:** Create a 2-D array

1 3 5

7 9 2

4 6 8

- access the second row of the array
- access the third column of the array

**Q-6:** Create a 3D array with shape (2, 3, 4) and access a specific element of the array [1,2,1].

**Q-7:** Save one of your created arrays to a text file.

**Q-8:** Load the saved array back into a NumPy array.

**Q-9:** Create a mark sheet for your class .

Find the percentage of scored by each student

Find the student with highest percentage and hence scored position 1.