**NumPy Assignment**

1. Create a 1D NumPy array with elements [1,2,3,4,5].
2. Create a 1D NumPy array with elements [15,25,35,45,55].
3. Create a 2D array with values [[20,40,60],[80,100,150]].
4. Create a 2D array with values [[10,20,30],[40,50,60]].
5. Add 5 to [1,2,3,4,5].
6. Add 10 to [10,20,30,40].
7. Add -3 to [3,6,9,12].
8. Add 100 to [0,50,100].
9. Add 2 to [0.5,1.5,2.5].
10. Add 7 to [10,15,20,25,30].
11. Add 1 to all elements of [100,200,300].
12. Add 50 to [5,10,15,20].
13. Add 0.25 to [0.25,0.5,0.75].
14. Subtract 2 from [5,10,15].
15. Subtract 10 from [20,30,40].
16. Subtract 1 from [1,2,3,4,5].
17. Subtract 100 from [200,300,400].
18. Subtract 0.5 from [1.5,2.5,3.5].
19. Subtract 5 from [50,100,150].
20. Subtract 7 from [10,20,30,40].
21. Subtract 25 from [25,50,75].
22. Subtract 0.1 from [0.1,0.2,0.3].
23. Multiply [1,2,3,4,5] by 2.
24. Multiply [10,20,30] by 5.
25. Multiply [0.5,1.5,2.5] by 4.
26. Multiply [100,200,300] by 10.
27. Multiply [2,4,6,8] by 0.5.
28. Multiply [7,14,21] by 3.
29. Multiply [5,10,15,20] by -1.
30. Multiply [9,18,27] by 0.1.
31. Multiply [50,100,150] by 2.5.
32. Create a zeros array of shape (2,3).
33. Create a zeros array of shape (3,2).
34. Create a ones array of shape (2,3).
35. Create a ones array of shape (3,2).
36. Find min and max of [1,2,3,4,5].
37. Find mean of [10,20,30,40].
38. Find std of [1,1,1,1,1].
39. Find max of [50,100,150].
40. Find min of [10,5,20,15].
41. Find mean of [2,4,6,8,10].
42. Find std of [5,10,15,20,25].
43. Find mean of [1.5,2.5,3.5,4.5].
44. Find std of [100,200,300,400].
45. Get first element of [10,20,30,40].
46. Get last element of [5,10,15,20,25].
47. Slice [0,10,20,30,40,50] from index 2 to 4.
48. Slice [1,2,3,4,5,6] to get first three elements.
49. Slice [2,4,6,8,10,12] to get 2nd element.
50. Get middle element of [100,200,300].
51. Slice [10,20,30,40,50] from index 1 to end.