

1. Write a Python code to import NumPy.
2. Write a Python program to create 3x3 matrix with values ranging from 5 to 13.
3. Write a Python program to create a null vector of size 10 and update sixth value to 11.
4. Write a Python program to create a array with values ranging from 12 to 38.
6. Write a Python program to reverse an array so that first element becomes last.
7. Write a Python program to an array converted to a float type.
8. Write a Python program to create a 2d array with 1 on the border and 0 inside.
9. Write a Python program to create a 8x8 matrix and fill it with a checkerboard pattern.
10. Write a Python program to convert a list and tuple into arrays.
11. Write a Python program to append values to the end of an array.
12. Write a Python program to create an empty and a full array.
13. Write a Python program to convert the values of Centigrade degrees into Fahrenheit degrees. Centigrade values are stored into a NumPy array.
14. Write a Python program to find the real and imaginary parts of an array of complex numbers.
15. Write a Python program to test whether each element of a 1-D array is also present in a second array.
16. Write a Python program to find common values between two arrays.
17. Write a Python program to get the unique elements of an array.
18. Write a Python program to test if all elements in an array evaluate to True.
19. Write a Python program to test whether any array element along a given axis evaluates to True.
20. Write a Python program to repeat elements of an array.
21. Write a Python program to find the indices of the maximum and minimum values along the given axis of an array.
22. Write a Python program compare two arrays using numpy.
23. Write a Python program to save a NumPy array to a text file.
24. Write a Python program to create a contiguous flattened array.
25. Write a program to perform addition, minimum and maximum values from a 3D array.