Assignment -2

WRITE PYTHON PROGRAMS FOR THE FOLLOWING QUESTIONS

- 1. Show that a List in python can
 - store elements of different types (integer, float, string, etc.)
 - store duplicate elements
- 2. Check if an Element Exists in a List (Note make use of 'in')
- 3. Find the length of the list.
- 4. Create a list with value n ** 2 where n is a number from 1 to 5
- 5. Python program to print the elements of an array in reverse order
- 7. Python program to sort the elements of an array in descending order
- 8. Compare 2 lists in python(use The cmp() function
 - The set() function and == operator
 - The sort() function and == operator)
- 9. Remove a specific item from a list by using the three methods remove(), pop(), and clear().
- 10. Write a NumPy program to convert an integer array to a floating type. (x = np.asfarray(a))
- 11. Write a NumPy program to convert a list and tuple into arrays.
- 12. Write a NumPy program to convert a list and tuple into arrays.(np.asarray)

