

TASK – ARRAY

1. write a program to create an integer type array.
2. write a program to create an array with group of characters.
3. Write a Python program to create one array from another array.
4. Write a Python program to retrieve the elements of an array using array index.
5. Write a Python program to retrieve elements of an array using while loop.
6. Write a python program that helps to know the effects of slicing operations on an array.
 - i) create array y with elements from 1st to 3rd from x.
 - ii) create array y with last 4 elements from x.
 - iii) create array y with elements from 0th till the last element in x.
7. Write a python program to retrieve and display only a range of elements from array using slicing.

Example : array : 10,20,30,40,50,60,70

Display elements from 2nd to 4th only using for loop (30,40,50)
8. Write a program to store student's marks in an array and find total marks and percentage of marks.
9. A python program to understand various methods of array class.
 - Create Array
 - Append 30 to the array
 - Insert 99 at position number 1 in arr.
 - remove an element from array.
 - Remove last element using pop method.
 - Finding position of element using index() method.
 - Convert an array into a list using tolist() method.
10. Write a python program to sort the array elements using bubble sort technique.
11. Write a python program to search for the position of an element in an array using sequential search.
 - create empty array to store int
 - Store elements into the array x
 - linear search or Sequential search