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Array

STD-X

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finally print the elements of both the arrays.

10. WAP to input 100 numbers in a 1D A and print all those numbers which are prime.

Theory (Array)

Array:- Array is a collection of a similar type of elements.

Direct initialization:- Direct initialization of an array refers to the entry of the elements straightway at the time of its declaration.

Subscript of an array:- The cell number which we write under a [] bracket is known as subscript of an array.

Difference between length and length()

* length function is used to find the length of an array. ex:- int a[] = {1, 2, 3, 4, 5}.
  Hence a.length results in 5.
* length() is used to find the length of the String.
  ex:- String S = "CARMEL";
  Here S.length() results in 6.

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Questions for practice STD - X

COMPUTER APPLICATION (Array)

1. WAP to input 50 numbers in a SDA and arrange all the numbers in ascending order using Selection Sort.
2. WAP to input 50 names in a SDA and arrange all the names in descending order using Bubble Sort.
3. WAP to input 10 numbers in a SDA and search one number that the number is present in the list or not using Binary Search and Linear Search
4. WAP to input 50 numbers in a SDA and arrange all the numbers in Descending order using Bubble Sort
5. WAP in java to store runs scored by 11 Indian Cricket Players in an innings along with their names. Now display the name of the cricketer who has made the highest score in that innings along with the runs.
6. WAP in java to store 100 names and telephone numbers of your friends in two different SDA's. Now arrange all the names in alphabetical order and display all the names along with their respective telephone numbers.
7. WAP to Java to store 10 names in a SDA. Display only those words which begin with the letter 'A' and also end with the letter 'A'.
8. WAP to input 10 names in a SDA. Display all those names whose first letter matches with the letter entered by the user.
9. WAP in java to input 100 numbers in a SDA. Transfer and store all the even numbers in an array even[] and all the odd numbers in another array odd[]