Fundamentals of Computing and Programming in C

Programs on arrays and strings

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Programs (Arrays):

1. WAP to read 10 integers in an array and then display the integers.
2. WAP to find the sum and average of the elements in an integer array.
3. WAP to print all odd numbers present in an array.
4. WAP to search an element in an array.
5. WAP to merge two arrays.
6. WAP display a matrix using 2D array.
7. WAP to find the addition of two matrices.
8. WAP to multiply two matrices.
9. WAP to reverse a floating point array.
10. WAP to to find the smallest and largest number in an integer array.

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Programs (Strings):

1. WAP to display your name.

2. WAP to find the length (number of characters) of your name without using library function.

3. WAP to find the length (number of characters) of your name using library function.

4. WAP to concatenate two strings without using library function.

5. WAP to concatenate two strings using library function (appending).

6. WAP to copy a string without using library function.

7. WAP to copy a string using library function.

8. WAP to find a substring in a string without using library function.

9. WAP to find a substring in a string without using library function.

10. WAP to to replace the character in a given index of a string with *.

Programs (Strings):

11. WAP to check whether a string is palindrome or not.

12. WAP to compare two strings without using library function.

13. WAP to compare two strings using library function.

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Thank You

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