

ASSIGNMENT#1

Write programs to solve the following problems using C++. Copy Paste will get straight ZERO.

1. Program finds the sum of the first 100 positive integers and also their average.
2. Find the sum of the 10 positive integers entered by the user if the user enters negative number the loop should be terminated and the result should be displayed.
3. Write a program that asks the user for char values and sum the ASCII values of all the entered characters the loop should be stopped when the user enters the Space character.
4. Find the sum of the first 10 numbers that are divisible by 3 and 9.
5. Write a program that asks the user to type 10 integers in an array and write the number of occurrence of the biggest value. E-g if 10 is the biggest value and appears 2 times in the array the program should print 10 and number of occurrence i-e 2.
6. Write a program that reads a set of integers and then finds and prints the sum of the even and odd integers.
7. Write a program that ask for an integer value from the user and then prints the length of the value using loop.
e.g :
Enter any integer Value : 78654321
The length of the Entered Value : 8

8. Write a program to compare two arrays of different lengths to find similar values in the arrays.
E-g

```
array1 = [2,4,5,6,1]  
array2 = [3,6,9,0,23,55,2]
```

The program should compare the two arrays and print 2 and 6.

9. Write a program which ask user to enter a word. The word should be stored in a character array. Then find whether the word is a palindrome or not. You can ask user for the length of the word for array size.

E-g

```
array = ['m','a','d','a','m']
```

The word madam is a palindrome because it reads the same backwards as forwards.

10. Write programs using loops to print the following figures.

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