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## C Assignments

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### Looping Control statements

1. Write a program to print Sum and Average of inputted N numbers.(Use While Loop)
2. Write a program to print inputted Name Length many times.(Use for Loop)
3. Write a program to read numbers till the user enters 0, and print How many even and odd numbers from the inputted numbers.(do...While Loop)
4. Write a program to check whether the given no is palindrome or not.(Use While Loop)  
note: if u reverse a no and if it is same as an original no then it is the palindrome.  
ex: 1221, 2332, 121
5. Write a Program to PrintTable for any inputted NO.(Use For Loop)
  - o Read Starting value and Ending value from the user.
6. Write a program to print result for the given base and power.(Use While Loop)
7. Write a program to print factorial of given no.(Use While Loop)
8. Write a program to print Armstrong numbers below 1000.(Use While Loop)
9. Write a program to print Prime numbers till N.(Use For Loop)  
Note: N is the target value given at runtime.
10. Write a program to check whether the inputted PinCode is valid or not.(Use While Loop)  
**Note:** valid mobile no should have 6 digits.
11. Write a program to find lucky from given from inputted date of birth.(Use While Loop)  
**Note:** For 14 th may 1990 input should be 14051990.
12. Write a program to Print 2nd biggest no from the inputted N numbers.(Use For Loop)
13. Write a program to read characters from the user till the user enters X or X, and display the total number of Capital letters, Small letters, Digits, Symbol, Vowels, and consonants.