

## Assignment

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March2022/ C-Programming/Assignment 2  
C-Programming Revision  
Post Graduate Diploma in Advance Computing  
March 2022

### Section- Loops, Nested loops, break, continue, switch

1. Write a C Program to print 1 to 10 Natural numbers. (Use while loop)
2. Write a C Program to print sum of 1 to 10 Natural numbers. (Use while loop)
3. Write a C Program to print sum of 1 to 'N' even numbers. (Use while loop)
4. Write a C Program to print sum of 1 to 'N' odd numbers. (Use for loop)
5. Write a C Program to print multiplication table for user entered number.(Do the program using do.. while as well as while)
6. Write a C Program to square of even numbers from 1 to 10.(Do the program using do.. while loop)
7. Write a C Program to print ascii values from 0 to 255. (Use for Loop).
8. Write a Program to print sum of digits of user entered number.  
For Example: If input is 123 then output is  $1+2+3=6$
9. Write a C Program to check whether entered number is Palindrome or not.
10. Write a C Program to check if entered number is perfect number or not.
11. Write a C Program to check if entered number is Armstrong number or not.
12. Write a C Program to check if entered number is prime or not.