

# PPA-5

## Assignment: While Loop 2

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### Instructions:

- Complete this assignment in next 24 hours.
- Submit the solution to your leaders.
- Ask for help to your leaders if it is really a need.

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**{Note: Use While loop for all the codes below}**

**Program 1.** Write a C Program to take a number as input from user and print sum of all natural numbers from 1 to up to that number.

**Input:** Enter a Number: 10

**Output:** The Sum of all natural number between 1 to 10 is: 55

**Program 2:** .Write a C Program to print the character is vowel or consonant from 'A' to 'Z'. Take the lower bound & upper bound of characters range from user.

### Input:

Lower Bound of Range: C

Upper Bound of Range: F

### Output:

C is Consonant

D is Consonant

E is Vowel

F is Consonant

**Program 3:** Write a C Program which takes a number as input from user if number is even print that number in reverse order to 1 and if the number is odd print that number in reverse order by difference two to 1.

**Input:** 6

**Output:** 6 5 4 3 2 1

or

**Input:** 7

**Output:** 7 5 3 1.

**Program 4.** Write a C Program to print the countdown of days to submit the assignment

**Input:** Enter No of days to complete the assignment: 7

**Output:**

7 days remaining  
6 days remaining  
5 days remaining  
.  
.  
1 days remaining  
0 days Assignment is Overdue

**Program 5.** Write a C Program, that prints square of odd numbers and cube of even numbers. Take lower bound & upper bound of numbers range from user.

**Input:**

Enter Lower bound of range: 1

Enter Upper bound of range: 5

**Output:** 1 4 27 16 125