

## REBOOT ACADEMY

Computer Training Institute

### *List of 'C/C++' Programs to be Executed: Intermediate Level*

- Write a C/C++ program to find all prime numbers between given interval using functions and display the count of prime numbers.
- Write a C/C++ program to find sum of digits of a given number using recursion.
- Write a C/C++ program to display all array elements using recursion
- Given an array of integers, return true if the sequence of numbers 1, 2, 3 appears in the array somewhere  
Eg. array123([1, 1, 2, 3, 1]) → Yes Found
- Start with 2 int arrays, a and b, each length 2. Calculate the sum of the values in each array. Return the array which has the largest sum. In event of a tie, return a.  
Eg. A =[1, 2] b= [3, 4]  
Bigger B → [3, 4] [output]
- A number is special if it is a multiple of 11 or if it is one more than a multiple of 11. Return true if the given non-negative number is special.  
Eg. Given range 1 – 30  
Output: 11, 12, 22, 23
- Program to count vowels and consonants in a string using pointer.
- Write a program in C/C++ to sort an array using Pointer.
- Write a program in C/C++ to compute the sum of all elements in an array using pointers.
- Write a program in C/C++ to find the sum of the series  $1!/1+2!/2+3!/3+4!/4+5!/5$  using the function.
- Write a program in C/C++ to convert decimal number to binary number using the function.