



**TAMIL NADU OPEN UNIVERSITY**  
Chennai - 15  
School of Computer Science

Programme Code : 171  
Programme Name : BCA & LE  
Course Code & Name : BCA-P3 – C++, Internet Programming, Java /  
ActiveX  
Batch : 3<sup>rd</sup> year Arrear Learners  
No. of Assignment : 2  
Maximum CIA Marks : 25 (Average of Total No. of Assignments)

*(Note: The students are instructed to write the following in the Assignment  
“Aim, Algorithm, Flow chart/Data flow diagram, Program, Output and  
Result”)*

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**Assignment-1**

Max= 25 marks

**Answer any one of the following**

1. Write a C++ program to generate Fibonacci series.
2. Write a C++ program to generate Prime numbers between 1 and 50.
3. Write a C++ program to perform string manipulation.

**Assignment-2**

Max= 25 marks

**Answer any one of the following**

1. Write a program for sorting the given numbers in Ascending and Descending order.
2. Program for finding roots of the given quadratic equation
3. Program for finding volume of a sphere (Concept: Class and Object)