

C++ Complete Bootcamp [June 2021]

Assignment [Week 03]

Basics of C++

Basic I/O in C++

Functions (declaration + definition)

Pointers(Single + Double)

Short Answering Questions [Part 1]

1. What do you mean by a pointer ?
2. What is the meaning of dereferencing a pointer in C++ ?
3. What is the need of '&' operator in C++ ?
4. What do you mean by a double pointer? Give an example.
5. What are the advantages of using a function ?
6. What is the difference between a function and a code block?
7. What do you mean by parameter in a function ?
8. What is the difference between argument and parameter in a function?
9. Why do we need to have declaration of a function before its call ?
10. Can a function be only declared and not defined before call ? Why ?

Coding Questions (Part 1)

1. Write a C++ program to input a number n and print n th fibonacci number using function.
2. Write a C++ program to prime factorize a number using a function.
3. Write a C++ program to find the roots of a quadratic equation.
4. Write a C++ program to input the coordinates of three points and find the area covered by them.
5. Write a C++ program to input a year and check if it is leap or not using only switch case.
6. Write a program to demonstrate the working of single and double pointers.