C++ Course (Basic Level) 30 Days

Sr. No.	Chapters	Sub Chapters
1	C++ Basics	Know about the background introduction, C++ introduction, How do C++ Programs Run, Comments in C++, etc
		Setting up the development environment (IDE, JDK)
2	Variables and Data Types	Learn about the variables in C++ & Naming Rules, Data Types in C++, Range of Data Types, Const in C++, Auto Keyword in C++, Type Conversion C++
		Why do we need Programming Languages
		Writing and running your first Java program
3	Input Output in C++	learn Inputs & Outputs in C++
4	Operators	Build your knowledge on Operators like, Arithmetic, Comparison, Logical, Assignment, Bitwise, Arithmetic Progression, Geometric Progression, etc
5	Flow Control	Learn about If else, Nested If else, Switch statement in C++
6	Loops	For Loops ,While Loops, Do While Loops, Break & Continue statements
7	Array	Introduction to Arrays in C++, Declaring and Initializing Arrays, Array Traversal, Check if Array is Sorted, Maximum in an Array, etc
8	References	Get to know about References in C++, Function Parameters & References
9	Pointers	Get to know about Address and Dereference Operators , Introduction to Pointers, Function Parameter and Pointers, NULL in C++, nullptr in C++, Dynamic Memory Allocation, etc
10	String	Learn about String in C++, String Operations (Length, Substring and Find), String Comparison, String Traversal, Reverse a String, Pattern Searching, etc