SAAZ Skills Institute

Course Outlines: C++   Duration: 03 Months

1st Month	
1st Week	**Programs: 1-15** C++ Home C++ Introduction C++ Get Started C++ Syntax C++ Output C++ Comments
2nd Week	**Programs: 16-30** C++ variables C++ User Input C++ Data Types
3rd Week	**Programs: 31-45** C++ Operators C++ String • String Introduction • Concatenation • Numbers & Strings • String Length • Access String • Special Characters • User input Strings • Omitting Namespace • C-Styles String C++ Math
4th Week	**Programs: 46-60** C++ Boolean C++ If else C++ Switch C++ While loop C++ For Loop
2nd Month	
1st week	**Programs: 61-75** C++ Break & Continue C++ Arrays C++ Structures C++ Enums
2nd week	**Programs: 76-90** C++ Refrences

	C++ **Pointers** C++ **Functions**
3rd week	**Programs: 91-110** C++ **OOP** C++ **Classes & Objects** C++ **Class Methods** C++ **Constructors** C++ **Access specifiers**
4th week	**Programs: 111-125** C++ **Encapsulation** C++ **Inheritance** C++ **Polymorphism**
3rd Month	
1st week	**Programs: 126-140** C++ **Files** C++ **Exceptions** C++ **date** C++ **Data structures** C++ **Vectors**
2nd week	**Programs: 141-155** C++ **Lists** C++ **Stacks** C++ **Queues** C++ **Deque** C++ **Sets** C++ **Maps** C++ **Iterators** C++ **Algorithms**
3rd week	**Programs: 156-170** C++ **Add two numbers** C++ **Random Numbers** C++ **References** C++ **Keywords** C++ **iostream** C++ **fstream**
4th week	**Programs: 171-185** C++ **cmath** C++ **string** C++ **cstring** C++ **Ctime** C++ **vector**