

Differences Between C And C++

C PROGRAMMING

C is Procedural Language.

No virtual Functions are present in C

Operator overloading is not possible in C.

Top down approach is used in Program Design.

Multiple Declaration of global variables are allowed.

Mapping between Data and Function is difficult and complicated.

In C, we can call main() Function through other Functions

C requires all the variables to be defined at the starting of a scope.

It supports built-in and primitive data types.

In C, Exception Handling is not present.

C++ PROGRAMMING

C++ is non Procedural i.e Object oriented Language.

The concept of virtual Functions are used in C++.

Operator overloading is one of the greatest Feature of C++.

Bottom up approach adopted in Program Design.

Multiple Declaration of global variables are not allowed.

Mapping between Data and Function can be used using "Objects"

In C++, we cannot call main() Function through other functions.

C++ allows the declaration of variable anywhere in the scope i.e at time of its First use

It support both built-in and user define data types.

In C++, Exception Handling is done with Try and Catch block.