

C++ Tutorials

(20)

CS Engineering gyan

C++ Classes and Objects:

Class $\Rightarrow$ • A Class in C++ is the building blocks that leads to object-Oriented programming.

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- Class is a user-defined data type, which holds its own data members and member functions, which can be accessed and used by creating an instance of that class.
- A C++ class is like a blueprint for an object.
- A Class is a user defined data type which has data members and member functions.

Syntax: $\Rightarrow$

Keyword

Class ClassName

User-defined Name

{

Access Specifier: // Can be private, public or Protected

Data Members; // Variables to be used

Member functions() // methods to access data member

{

Body of function;

}

};

// class name end with a semicolon.