

Date:- 23/6/20

Course:- C++

Topic:- Destructors

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Destructor works opposite to constructor, Destructor is defined like constructor. It must have same name as class. But it is predefined with a tilde sign (~)

\* In C++ this is a keyword that refers to the current instance of the class

There are 3 main usage

- It can be used to pass current object
- It can be used to refer current instance variable
- It can be used to declare indexes.

\* Friend function in C++ defined as friend

\* Here friend function has some characteristics

- It can be declare either in private or public
- It can be invoked like normal function without using the object.

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Topic:- Classes and objects

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### OOPS concepts

The major purpose of C++ is to introduce the concept of object oriented to the programming language

- \* objects means a real world entity such as pen, chair etc. in other words its state of behaviour.
- \* class is a group of similar objects.
- \* Constructors which as no arguments is known as default constructors
- \* A constructor which has parameters is called parameterized constructors.
- \* The Examples and Syntax of all constructors was ~~exp~~ Explained.