

Constructor

1. Constructors are special member functions of a class having the same name as that of the class.
2. Constructor is implicitly called by the compiler as soon as the object of a class gets created
3. The C++ compiler automatically provides 2 constructors in our class if we don't define any constructor ourselves and they are called default constructor and default copy constructor.
4. Constructors are called in the order in which objects are created and it is always left to right.
5. Constructor can be parameterized.
6. Since they can be parameterized we can overload them and so a class can have multiple constructors.
7. Constructor can't be declared as **"static"**.
8. Constructors can't be declared as **"const"**.
9. Constructors are not inherited
10. Constructors can't be declared as **virtual**

Destructor

1. A destructor is also special member function of a class having same name as that of the class but prefixed with symbol of tilde (~).
2. A destructor is also automatically called by the compiler but just before the object of the class is to be destroyed
3. The C++ compiler automatically provides 1 destructor by default if we don't provide any destructor ourselves and that destructor is called default destructor
4. Destructor is called in reverse order of creation of the object and it is always right to left
5. Destructor can't be parameterized.
6. Since they don't accept any parameter or argument their overloading is not possible and so a class can have only one destructor.
7. A destructor also can't be declared as **"static"**.
8. A destructor also can't be declared as **"const"**.
9. Inheriting a destructor is also possible
10. We can declare a destructor as **virtual**

