### Copy Constructor in C++

Copy Constructor is a type of constructor which is used to create a copy of an already existing object of a class type.

It is usually of the form **X (X&)**, where X is the class name. The compiler provides a default Copy Constructor to all the classes.

#### Syntax of Copy Constructor

**class-name** (*class-name &*)

{

. . . .

}

class MyClass{

public:

int id;

char name[20];

};

Void main(){

MyClass obj;

Obj.id = 20;

Obj.name = “Mohan”;

MyClass obj2(obj);

Cout<<obj2.id<<endl;//20

}

As it is used to create an object, hence it is called a constructor. And, it creates a new object, which is exact copy of the existing copy, hence it is called **copy constructor**.

