

## List of C++ Constructor & Destructor programs

1. C++ program to demonstrate example of **default constructor** or **no argument constructor**.
2. C++ program to demonstrate example of **parameterized constructor**.
3. C++ program to demonstrate example of **copy constructor**.
4. C++ program to demonstrate example of **constructor overloading**.
5. C++ program to demonstrate example of **member initializer list**.
6. C++ program to demonstrate example of **destructors**.
7. C++ program to demonstrate example of **constructor using this pointer**.
8. C++ program to demonstrate example of **constructor with default arguments**.
9. Dynamic Initialization of Objects in C++.

---

10. Set values of data members using default, parameterized and copy constructor in C++

11. Write a C++ program to add two complex numbers.

The class Complex contains three constructors.

- a. One with no parameter. (Used for the object for storing result.)
- b. With one parameter (Same value for real and imaginary part)
- c. With two parameters.

And Two friend functions One to add two complex number by taking two reference variables of class complex and returning another reference. To display the result.

12. A Bank gives 4% interest on current account and 6% interest on savings account. An additional 3% interest is provided for savings duration of 5 years and above. Using dynamic initialization of constructor write banking program using C++.