**Constructor Types:**

<https://www.geeksforgeeks.org/constructors-c/>

**Destructor:**

<https://www.geeksforgeeks.org/destructors-c/>

**Friend Function:**

#include <iostream>

using namespace std;

class Box {

double width;

public:

friend void printWidth( Box box );

void setWidth( double wid );

};

// Member function definition

void Box::setWidth( double wid ) {

width = wid;

}

// Note: printWidth() is not a member function of any class.

void printWidth( Box box ) {

/\* Because printWidth() is a friend of Box, it can

directly access any member of this class \*/

cout << "Width of box : " << box.width <<endl;

}