Login to matrix and create a file called "quiz4.txt".

Answer the following questions and when done enter the following command:

~fardad.soleimanloo/submit oopq4 <ENTER>

1- What is a Constructor and how and when it is called?
2- What is a destructor and how and when it is called?
3- What safe empty state?
4- Having the following class fully implemented: (you can copy the code for mark from name.cpp)
5-
Add Two constructors:
A- No argument that puts the Name in a safe empty state (It is your call to decide what is a safe empty state for a Mark)
B- A 2 argument constructor that sets a Name.
C- Add a method calls isEmpty() that returns a Boolean. It returns true if the Mark is in a safe empty state.
D- A display function that displays the full name.

```cpp
class Name {
    char buffer[51];
    char m_first[21];
    char m_last[31];
public:

    void firstname(const char* value); // sets the name
    void lastname(const char* value); // sets the last name
    const char* fullname(); // returns a string containing full name
};
```