Computer Programming II — Homework Assignment #6

1. The class template list defined in list 1-1.h implements parts of STL class template list in Visual C 2022. Please write member functions fill constructor and copy constructor which implement fill constructor and copy constructor, respectively, in STL class template list.

The output should appear as follows:

|  |
| --- |
| There are 0 errors.  There are 0 errors.  There are 0 errors.  There are 0 errors.  There are 0 errors.  There are 0 errors.  There are 0 errors.  There are 0 errors. |

2. The class template list defined in list 1-2.h implements parts of STL class template list in Visual C 2022. Please write member functions fill constructor and operator= which implement fill constructor and operator=, respectively, in STL class template list.

The output should appear as follows:

|  |
| --- |
| There are 0 errors.  There are 0 errors.  There are 0 errors.  There are 0 errors.  There are 0 errors.  There are 0 errors.  There are 0 errors.  There are 0 errors. |

3. The class template list defined in list 1-3.h implements parts of STL class template list in Visual C 2022. Please write member functions fill constructor, insert and erase which implement fill constructor, insert and erase, respectively, in STL class template list.

The output should appear as follows:

|  |
| --- |
| There are 0 errors.  There are 0 errors.  There are 0 errors.  There are 0 errors.  There are 0 errors.  There are 0 errors.  There are 0 errors.  There are 0 errors.  There are 0 errors.  There are 0 errors.  There are 0 errors.  There are 0 errors.  There are 0 errors.  There are 0 errors.  There are 0 errors.  There are 0 errors. |