Computer Programming II — Midterm Exam 2

2024-5-12

1. Please write the member functions insert and erase of class template list defined in the file list - Student ID.h which implement the member functions insert and erase of STL class template list, respectively.

2. Please complete the C++ program in 10106 - Product - Student ID.cpp which solves UVa 10106 - Product.

Grading rule

Output correct (Accepted):

30 points list::insert( const\_iterator where, const Ty &val )

30 points list:: erase( const\_iterator where )

40 points multiplication( T multiplicand, T multiplier, T &product )

Output not completely correct (Accepted):

27 points list::insert( const\_iterator where, const Ty &val )

27 points list:: erase( const\_iterator where )

36 points multiplication( T multiplicand, T multiplier, T &product )