Computer Programming II — Midterm Exam 1

2020/4/17

Please write the functions listed below.

Grading rule

Output correct:

5 points bool HugeInteger< T >::operator<( HugeInteger< T > &right ) const

15 points HugeInteger< T > HugeInteger< T >::square()

15 points HugeInteger< T > HugeInteger< T >::squareRoot()

5 points Vector( const size\_type count )

5 points Vector( const Vector & right )

5 points bool operator==( const vector< Ty > &left, const vector< Ty > &right )

20 points iterator insert( const\_iterator where, const value\_type &val )

5 points iterator erase( const\_iterator where )

20 points iterator insert( const\_iterator where, const char ch )

5 points iterator erase( const\_iterator where )

Output not completely correct:

4 points bool HugeInteger< T >::operator<( HugeInteger< T > &right ) const

13 points HugeInteger< T > HugeInteger< T >::square()

13 points HugeInteger< T > HugeInteger< T >::squareRoot()

4 points Vector( const size\_type count )

4 points Vector( const Vector & right )

4 points bool operator==( const vector< Ty > &left, const vector< Ty > &right )

18 points iterator insert( const\_iterator where, const value\_type &val )

4 points iterator erase( const\_iterator where )

18 points iterator insert( const\_iterator where, const char ch )

4 points iterator erase( const\_iterator where )