Computer Programming II — Midterm Exam 2

2023/5/14

Please write the functions listed below.

Grading rule

Output correct:

5 points list( size\_type count )

10 points void resize( size\_type newSize )

10 points void push\_ back( const value\_type &val )

10 points void pop\_back()

5 points void clear()

10 points void push\_front( const value\_type &val )

15 points void resize( size\_type newSize )

5 points void doubleMapSize()

5 points void enlargeMap( size\_type newMapSize )

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

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

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

Output not completely correct:

4 points list( size\_type count )

9 points void resize( size\_type newSize )

9 points void push\_ back( const value\_type &val )

9 points void pop\_back()

4 points void clear()

9 points void push\_front( const value\_type &val )

13 points void resize( size\_type newSize )

4 points void doubleMapSize()

4 points void enlargeMap( size\_type newMapSize )

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

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

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