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Activities Terminal Feb 21 00:07
seal@moneymaker: ~/CLionProjects/CPTS_223_MAI1
seal@moneymaker:~/CLionProjects/CPTS_223_MAI$ ^C
seal@moneymaker:~/CLionProjects/CPTS_223_MAI$ make
[ 50%] Building CXX object CMakeFiles/main_cpp.dir/main.cpp.o
/home/seal/CLionProjects/CPTS_223_MAI/main.cpp:12:1: error: new types may not be defined in a return type
12 | class queue
    | ^~~~~
/home/seal/CLionProjects/CPTS_223_MAI/main.cpp:12:1: note: (perhaps a semicolon is missing after the definition of 'queue')
/home/seal/CLionProjects/CPTS_223_MAI/main.cpp:33:22: error: return type specification for constructor invalid
33 | queue::queue(int size)
    | ^~~~~
/home/seal/CLionProjects/CPTS_223_MAI/main.cpp: In member function 'void queue::dequeue()':
/home/seal/CLionProjects/CPTS_223_MAI/main.cpp:59:24: error: invalid operands of types 'const char [10]' and 'int' to binary 'operator<<'
59 | cout << "Removing " << arr[front] << "\n";
    | ~~~~~^~~~~
    |          |
    | const char [10] int
/home/seal/CLionProjects/CPTS_223_MAI/main.cpp: In member function 'void queue::enqueue(int)':
/home/seal/CLionProjects/CPTS_223_MAI/main.cpp:69:9: error: 'isFull' was not declared in this scope; did you mean 'isFull'?
69 | if (!isFull())
    |     ^~~~~~
/home/seal/CLionProjects/CPTS_223_MAI/main.cpp: In member function 'int queue::peek()':
/home/seal/CLionProjects/CPTS_223_MAI/main.cpp:88:16: error: 'numeric_limits' was not declared in this scope
88 | return numeric_limits<int>::min();
    |        ~~~~~
/home/seal/CLionProjects/CPTS_223_MAI/main.cpp:88:31: error: expected primary-expression before 'int'
88 | return numeric_limits<int>::min();
    |                      ~~~~~
/home/seal/CLionProjects/CPTS_223_MAI/main.cpp:88:31: error: expected ';' before 'int'
88 | return numeric_limits<int>::min();
    |                      ~~~~~
/home/seal/CLionProjects/CPTS_223_MAI/main.cpp:88:34: error: expected unqualified-id before '>' token
88 | return numeric_limits<int>::min();
    |                      ~~~~~
/home/seal/CLionProjects/CPTS_223_MAI/main.cpp: In member function 'bool queue::isFull()':
/home/seal/CLionProjects/CPTS_223_MAI/main.cpp:108:24: error: lvalue required as left operand of assignment
108 | return (size()-1 = capacity);
    |               ~~~^~~~~~
make[2]: *** [CMakeFiles/main_cpp.dir/build.make:83: CMakeFiles/main_cpp.dir/main.cpp.o] Error 1
make[1]: *** [CMakeFiles/Makefile2:96: CMakeFiles/main_cpp.dir/all] Error 2
make: *** [Makefile:104: all] Error 2
seal@moneymaker:~/CLionProjects/CPTS_223_MAI$
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BUILD ERRORS

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Activities Terminal Feb 21 00:18
seal@moneymaker:~/CLionProjects/CPTS_223_MAI$ make
[100%] Built target main_cpp
seal@moneymaker:~/CLionProjects/CPTS_223_MAI$
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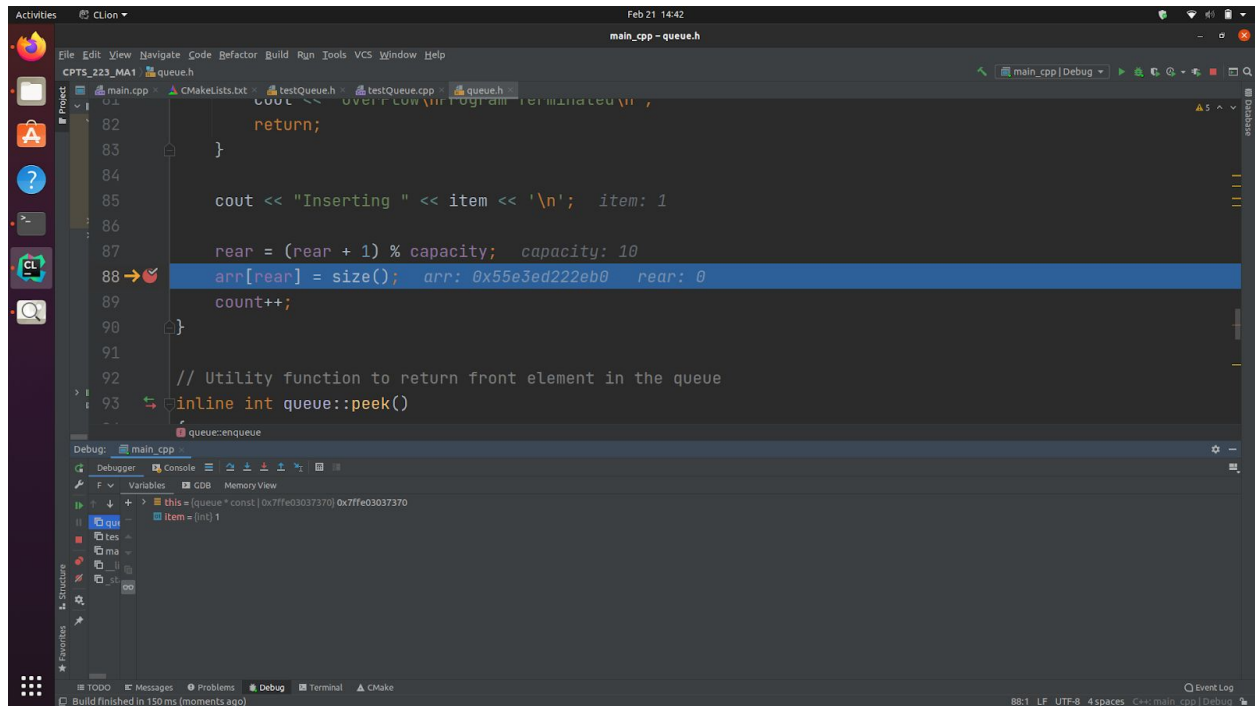
BUILD ERRORS RESOLVED

TEST CASES RESULTS -

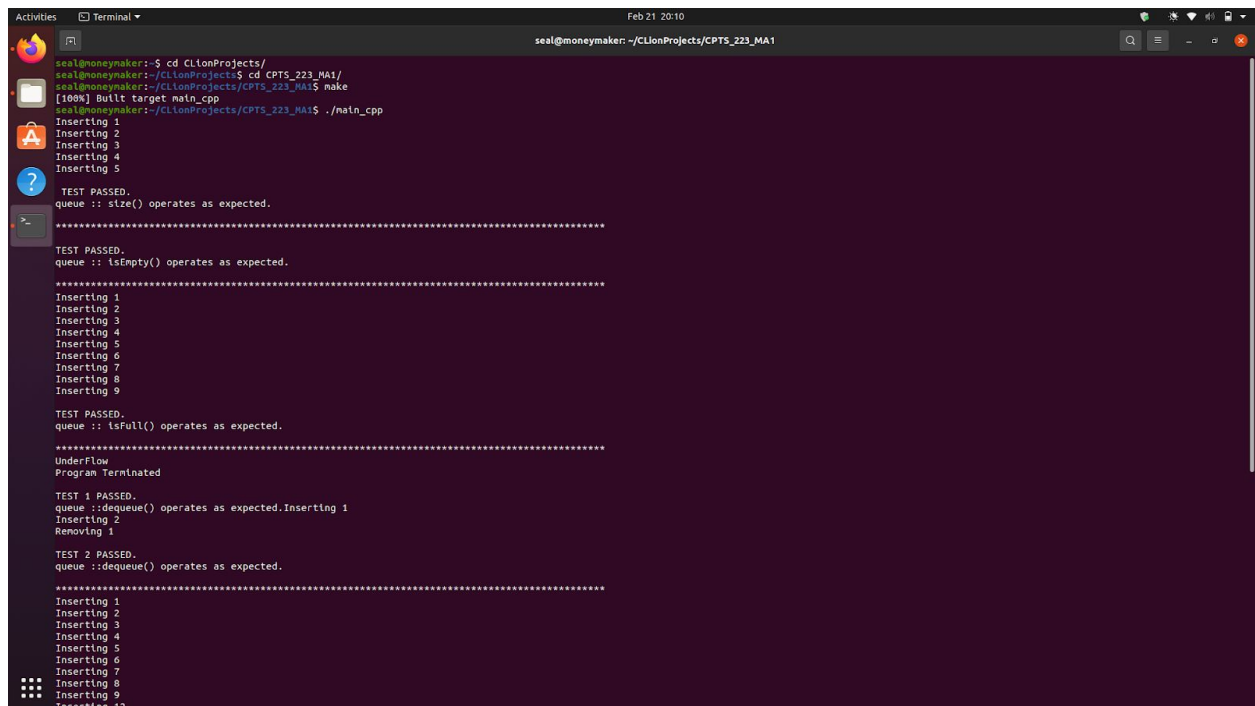
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Activities Terminal Feb 21 14:40 seal@moneymaker: ~/CLionProjects/CPTS_223_MA1
seal@moneymaker:~/CLionProjects/CPTS_223_MA1$ ./main_cpp
Inserting 1
Inserting 2
Inserting 3
Inserting 4
Inserting 5
TEST FAILED.
queue::size() doesn't operate as expected.
=====
TEST FAILED.
queue::isEmpty() doesn't operate as expected.
=====
Inserting 1
Inserting 2
Inserting 3
Inserting 4
Inserting 5
Inserting 6
Inserting 7
Inserting 8
Inserting 9
TEST PASSED.
queue::isFull() operates as expected.
=====
Removing 0
TEST 1 FAILED.
queue::dequeue() doesn't operate as expected.Inserting 1
Inserting 2
Removing 1
TEST 2 PASSED.
queue::dequeue() operates as expected.
=====
Inserting 1
Inserting 2
Inserting 3
Inserting 4
Inserting 5
Inserting 6
Inserting 7
Inserting 8
Inserting 9
Inserting 12
TEST 1 FAILED.
queue::enqueue() doesn't operate as expected.Inserting 1
Inserting 2
Inserting 1
```

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Activities Terminal Feb 21 14:40 seal@moneymaker: ~/CLionProjects/CPTS_223_MA1
Inserting 9
TEST PASSED.
queue::isFull() operates as expected.
=====
Removing 0
TEST 1 FAILED.
queue::dequeue() doesn't operate as expected.Inserting 1
Inserting 2
Removing 1
TEST 2 PASSED.
queue::dequeue() operates as expected.
=====
Inserting 1
Inserting 2
Inserting 3
Inserting 4
Inserting 5
Inserting 6
Inserting 7
Inserting 8
Inserting 9
Inserting 12
TEST 1 FAILED.
queue::enqueue() doesn't operate as expected.Inserting 1
Inserting 2
Inserting 3
Inserting 4
Inserting 5
Inserting 6
Inserting 7
Inserting 8
Inserting 9
Inserting 92
Overflow
Program Terminated
TEST 2 FAILED.
queue::enqueue() doesn't operate as expected.
=====
TEST 1 FAILED.
queue::peek() doesn't operate as expected.Inserting 1
TEST 2 PASSED.
queue::peek() operates as expected.
=====
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One breakpoint in ide



BUGS FIXED -



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Activities Terminal Feb 21 20:10 seal@moneymaker: ~/CLionProjects/CPTS_223_MA1

queue :: isFull() operates as expected.
=====
UnderFlow
Program Terminated

TEST 1 PASSED.
queue :::dequeue() operates as expected.Inserting 1
Inserting 2
Removing 1

TEST 2 PASSED.
queue :::dequeue() operates as expected.
=====
Inserting 1
Inserting 2
Inserting 3
Inserting 4
Inserting 5
Inserting 6
Inserting 7
Inserting 8
Inserting 9
Inserting 12

TEST 1 PASSED.
queue :::enqueue() operates as expected.Inserting 1
Inserting 2
Inserting 3
Inserting 4
Inserting 5
Inserting 6
Inserting 7
Inserting 8
Inserting 9
Inserting 92
Overflow
Program Terminated

TEST 2 PASSED.
queue :::enqueue() operates as expected.
=====
UnderFlow
Program Terminated

TEST 1 PASSED.
queue :::peek() operates as expected.Inserting 1

TEST 2 PASSED.
queue :::peek() operates as expected.
=====
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