```
-- Build files have been written to: /home/jacfox14/MA1_BeforeFix/build-dir
jacfox14@Kai:~/MA1_BeforeFix/build-dir$ make
[ 50%] Building CXX object CMakeFiles/MA1.dir/main.cpp.o
/home/jacfox14/MA1_BeforeFix/main.cpp:12:1: error: new types may not be defined in a return type
   12 | class queue
      | ^~~~~
/home/jacfox14/MA1_BeforeFix/main.cpp:12:1: note: (perhaps a semicolon is missing after the definition of 'queue')
/home/jacfox14/MA1_BeforeFix/main.cpp:12:1: error: return type specification for constructor invalid
/home/jacfox14/MA1_BeforeFix/main.cpp: In member function 'void queue::dequeue()':
/home/jacfox14/MA1_BeforeFix/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/jacfox14/MA1_BeforeFix/main.cpp: In member function 'void queue::enqueue(int)':
/home/jacfox14/MA1_BeforeFix/main.cpp:69:9: error: 'isFul' was not declared in this scope; did you mean 'isFull'?
   69 |         if (isFul())
      |             ^~~~~
      |             isFull
/home/jacfox14/MA1_BeforeFix/main.cpp: In member function 'int queue::peek()':
/home/jacfox14/MA1_BeforeFix/main.cpp:88:16: error: 'numeric_limits' was not declared in this scope
   88 |             return numeric_limits<int>::min();
      |                    ^~~~~~~~~~~~~~~~~~~~~~~
/home/jacfox14/MA1_BeforeFix/main.cpp:88:31: error: expected primary-expression before 'int'
   88 |             return numeric_limits<int>::min();
      |                                   ^~~
/home/jacfox14/MA1_BeforeFix/main.cpp:88:31: error: expected ';' before 'int'
   88 |             return numeric_limits<int>::min();
      |                                   ^~~
      |                                   ;
/home/jacfox14/MA1_BeforeFix/main.cpp:88:34: error: expected unqualified-id before '>' token
   88 |             return numeric_limits<int>::min();
      |                                      ^
/home/jacfox14/MA1_BeforeFix/main.cpp: In member function 'bool queue::isFull()':
/home/jacfox14/MA1_BeforeFix/main.cpp:108:19: error: lvalue required as left operand of assignment
  108 |         return (size()-1 = capacity);
      |                 ~~~~~~~~~~
make[2]: *** [CMakeFiles/MA1.dir/build.make:76: CMakeFiles/MA1.dir/main.cpp.o] Error 1
make[1]: *** [CMakeFiles/Makefile2:83: CMakeFiles/MA1.dir/all] Error 2
make: *** [Makefile:91: all] Error 2
jacfox14@Kai:~/MA1_BeforeFix/build-dir$
```

```
64
65    // Utility function to return the size of the queue
66    int queue::size()
67    {
68
69        return count + 1;
70    }
71
72    // Utility function to check if the queue is empty or not
73    bool queue::isEmpty()
74    {
```

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS    COMMENTS                                    Filter (e.g. text, !exclude, \escape)        TestQueues

There is NO WARRANTY, to the extent permitted by law.
Type "show copying" and "show warranty" for details.
This GDB was configured as "x86_64-linux-gnu".
Type "show configuration" for configuration details.
For bug reporting instructions, please see:
<https://www.gnu.org/software/gdb/bugs/>.
Find the GDB manual and other documentation resources online at:
    <http://www.gnu.org/software/gdb/documentation/>.

For help, type "help".
Type "apropos word" to search for commands related to "word".
Warning: Debuggee TargetArchitecture not detected, assuming x86_64.
=cmd-param-changed,param="pagination",value="off"
Stopped due to shared library event (no libraries added or removed)
Loaded '/lib64/ld-linux-x86-64.so.2'. Symbols loaded.
[Thread debugging using libthread_db enabled]
Using host libthread_db library "/lib/x86_64-linux-gnu/libthread_db.so.1".

Breakpoint 1, main () at /home/jacfox14/MA1/main.cpp:10
10          test_queue_is_empty();
Loaded '/lib/x86_64-linux-gnu/libstdc++.so.6'. Symbols loaded.
Loaded '/lib/x86_64-linux-gnu/libgcc_s.so.1'. Symbols loaded.
Loaded '/lib/x86_64-linux-gnu/libc.so.6'. Symbols loaded.
Loaded '/lib/x86_64-linux-gnu/libm.so.6'. Symbols loaded.

Breakpoint 2, test_queue_is_empty () at /home/jacfox14/MA1/testQueue.cpp:33
33          if (!q.isEmpty()) {
Execute debugger commands using "-exec <command>", for example "-exec info registers" will list registers in use (when GDB is the debugger)
```