

```

35 // Utility function to add an item to the queue
36 void queue::enqueue(int item)
37 {
38     // check for queue overflow
39     if (isFull()) //added an l
40     {
41         cout << "OverFlow\nProgram Terminated\n";
42         return;
43     }
44

```

## Debug picture

```

[proc] Executing command: /usr/bin/cmake --build /home/josh/cmakeQuickStart/build --config Debug --target all -j 14 --
[build] Consolidate compiler generated dependencies of target MA1
[build] [ 50%] Building CXX object CMakeFiles/MA1.dir/main.cpp.o
[build] /home/josh/cmakeQuickStart/main.cpp:12:1: error: new types may not be defined in a return type
[build]      12 | class queue
[build]          | ^~~~~
[build] /home/josh/cmakeQuickStart/main.cpp:12:1: note: (perhaps a semicolon is missing after the definition of 'queue')
[build] /home/josh/cmakeQuickStart/main.cpp:12:1: error: return type specification for constructor invalid
[build] /home/josh/cmakeQuickStart/main.cpp: In member function 'void queue::dequeue()':
[build] /home/josh/cmakeQuickStart/main.cpp:58:24: error: invalid operands of types 'const char [10]' and 'int' to binary 'operator<<'
[build]      58 |         cout << "Removing " << arr[front] << '\n';
[build]          |         ~~~~~^~
[build]          |         |           |
[build]          |         const char [10]  int
[build] /home/josh/cmakeQuickStart/main.cpp: In member function 'void queue::enqueue(int)':
[build] /home/josh/cmakeQuickStart/main.cpp:68:9: error: 'isFul' was not declared in this scope; did you mean 'isFull'?
[build]      68 |         if (isFul())
[build]          |         ^~~~~
[build]          |         isFull
[build] /home/josh/cmakeQuickStart/main.cpp: In member function 'int queue::peek()':
[build] /home/josh/cmakeQuickStart/main.cpp:87:16: error: 'numeric_limits' was not declared in this scope
[build]      87 |         return numeric_limits<int>::min();
[build]          |         ^~~~~~
[build] /home/josh/cmakeQuickStart/main.cpp:87:31: error: expected primary-expression before 'int'
[build]      87 |         return numeric_limits<int>::min();
[build]          |         ^~
[build] /home/josh/cmakeQuickStart/main.cpp:87:31: error: expected ';' before 'int'
[build]      87 |         return numeric_limits<int>::min();
[build]          |         ^~
[build]          |         ;
[build] /home/josh/cmakeQuickStart/main.cpp:87:34: error: expected unqualified-id before '>' token
[build]      87 |         return numeric_limits<int>::min();
[build]          |         ^
[build] /home/josh/cmakeQuickStart/main.cpp: In member function 'bool queue::isFull()':
[build] /home/josh/cmakeQuickStart/main.cpp:107:19: error: lvalue required as left operand of assignment
[build]     107 |         return (size()-1 = capacity);
[build]          |         ~~~~~^~
[build] gmake[2]: *** [CMakeFiles/MA1.dir/build.make:76: CMakeFiles/MA1.dir/main.cpp.o] Error 1
[build] gmake[1]: *** [CMakeFiles/Makefile2:839: CMakeFiles/MA1.dir/all] Error 2
[build] gmake: *** [Makefile:121: all] Error 2

```

## Errors picture