```
hayden_cole@LAPTOP-75SL55EE:~/CPTS-223-PA/MA1$ cmake --build build
[ 50%] Building CXX object CMakeFiles/PA1.dir/main.cpp.o
/home/hayden_cole/CPTS-223-PA/MA1/main.cpp:12:1: error: new types may not be defined in a return type
   12 | class queue
      | ^~~~~
/home/hayden_cole/CPTS-223-PA/MA1/main.cpp:12:1: note: (perhaps a semicolon is missing after the definition of 'queue')
/home/hayden_cole/CPTS-223-PA/MA1/main.cpp:12:1: error: return type specification for constructor invalid
/home/hayden_cole/CPTS-223-PA/MA1/main.cpp: In member function 'void queue::dequeue()':
/home/hayden_cole/CPTS-223-PA/MA1/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/hayden_cole/CPTS-223-PA/MA1/main.cpp: In member function 'void queue::enqueue(int)':
/home/hayden_cole/CPTS-223-PA/MA1/main.cpp:69:9: error: 'isFul' was not declared in this scope; did you mean 'isFull'?
   69 |     if (isFul())
      |         ^~~~
      |         isFull
/home/hayden_cole/CPTS-223-PA/MA1/main.cpp: In member function 'int queue::peek()':
/home/hayden_cole/CPTS-223-PA/MA1/main.cpp:88:16: error: 'numeric_limits' was not declared in this scope
   88 |         return numeric_limits<int>::min();
      |                ^~~~~~~~~~~~~~
/home/hayden_cole/CPTS-223-PA/MA1/main.cpp:88:31: error: expected primary-expression before 'int'
   88 |         return numeric_limits<int>::min();
      |                               ^~~
/home/hayden_cole/CPTS-223-PA/MA1/main.cpp:88:31: error: expected ';' before 'int'
   88 |         return numeric_limits<int>::min();
      |                               ^~~
      |                               ;
/home/hayden_cole/CPTS-223-PA/MA1/main.cpp:88:34: error: expected unqualified-id before '>' token
   88 |         return numeric_limits<int>::min();
      |                                  ^
/home/hayden_cole/CPTS-223-PA/MA1/main.cpp: In member function 'bool queue::isFull()':
/home/hayden_cole/CPTS-223-PA/MA1/main.cpp:108:19: error: lvalue required as left operand of assignment
  108 |     return (size()-1 = capacity);
      |             ~~~~~~~^~
gmake[2]: *** [CMakeFiles/PA1.dir/build.make:76: CMakeFiles/PA1.dir/main.cpp.o] Error 1
gmake[1]: *** [CMakeFiles/Makefile2:83: CMakeFiles/PA1.dir/all] Error 2
gmake: *** [Makefile:91: all] Error 2
hayden_cole@LAPTOP-75SL55EE:~/CPTS-223-PA/MA1$ ls
```

```cpp
50              return this->front;
51          }
52
53      int queue::getrear()
54      {
55              return this->rear;
56          }
57
58      int queue::getcount()
59      {
60              return this->count;
61          }
62
63      // Utility function to remove front element from the queue
64      void queue::dequeue()
65      {
66          // check for queue underflow
67          if (isEmpty())
68          {
69              cout << "UnderFlow\nProgram Terminated\n";
70              return;
71          }
72
73          cout << arr[front] << '\n';
74
75          front = (front + 1) % capacity;
76          count--;
77      }
78
```