```
ryan@ryan-VirtualBox: ~/Desktop/Code                        -   ✕   ✕

File  Edit  View  Search  Terminal  Help
ryan@ryan-VirtualBox:~/Desktop/Code$ g++ -g -Wall -std=c++11
g++: fatal error: no input files
compilation terminated.
ryan@ryan-VirtualBox:~/Desktop/Code$ g++ -g -Wall -std=c++11 main.cpp
main.cpp:12:1: error: new types may not be defined in a return type
 class queue
 ^~~~~
main.cpp:12:1: note: (perhaps a semicolon is missing after the definition of 'queue')
main.cpp:33:22: error: return type specification for constructor invalid
 queue::queue(int size)
                      ^
main.cpp: In member function 'void queue::dequeue()':
main.cpp:59:21: error: invalid operands of types 'const char [10]' and 'int' to binary 'operator<<
'
  cout < "Removing " << arr[front] << '\n';
        ~~~~~~~~~~~~^~~~~~~~~~~~~~
main.cpp: In member function 'void queue::enqueue(int)':
main.cpp:69:6: error: 'isFul' was not declared in this scope
  if (isFul())
      ^~~~~
main.cpp:69:6: note: suggested alternative: 'isFull'
  if (isFul())
      ^~~~~
        isFull
main.cpp: In member function 'bool queue::isFull()':
main.cpp:109:21: error: lvalue required as left operand of assignment
  return (size()-1 = capacity);
                   ^~~~~~~~
ryan@ryan-VirtualBox:~/Desktop/Code$ █
```

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```
// Utility function to check if the queue is empty or not
bool queue::isEmpty()
{
🛑        return (size() == 0);
}

// Utility function to check if the queue is full or not
bool queue::isFull()
{
        return (size()-1 == capacity);
}
```

```
DDD  ✕

Run
Interrupt
Step    Stepi
Next    Nexti
Until   Finish
Cont    Kill
Up      Down
Undo    Redo
Edit    Make
```

```
(gdb) stepi
(gdb) step

Breakpoint 3, queue::isEmpty (this=0x7fffffffdea0) at queue.cpp:77
(gdb) |
```

△ Breakpoint 3, queue::isEmpty (this=0x7fffffffdea0) at queue.cpp:77