64:

65:

CircularBuffer test(5);

```
test.cpp
                Sun Mar 20 13:15:14 2022
                                                 2
   66:
               BOOST_REQUIRE_NO_THROW(test.enqueue(1));
              BOOST_REQUIRE_NO_THROW(test.enqueue(2));
BOOST_REQUIRE_NO_THROW(test.enqueue(3));
   67:
   68:
   69:
              BOOST_REQUIRE_NO_THROW(test.enqueue(4));
   70:
              BOOST_REQUIRE_NO_THROW(test.enqueue(5));
   71:
               BOOST_REQUIRE_THROW(test.enqueue(6), std::runtime_error);
   72: }
   73:
   74: // Test dequeue
   75: BOOST_AUTO_TEST_CASE(Dequeue)
   76: {
   77:
               CircularBuffer test(5);
   78:
   79:
               test.enqueue(0);
   80:
               test.enqueue(1);
   81:
               test.enqueue(2);
   82:
   83:
              BOOST_REQUIRE(test.dequeue() == 0);
              BOOST_REQUIRE(test.dequeue() == 1);
   84:
               BOOST_REQUIRE(test.dequeue() == 2);
   85:
   86:
               BOOST_REQUIRE_THROW(test.dequeue(), std::runtime_error);
   87: }
```