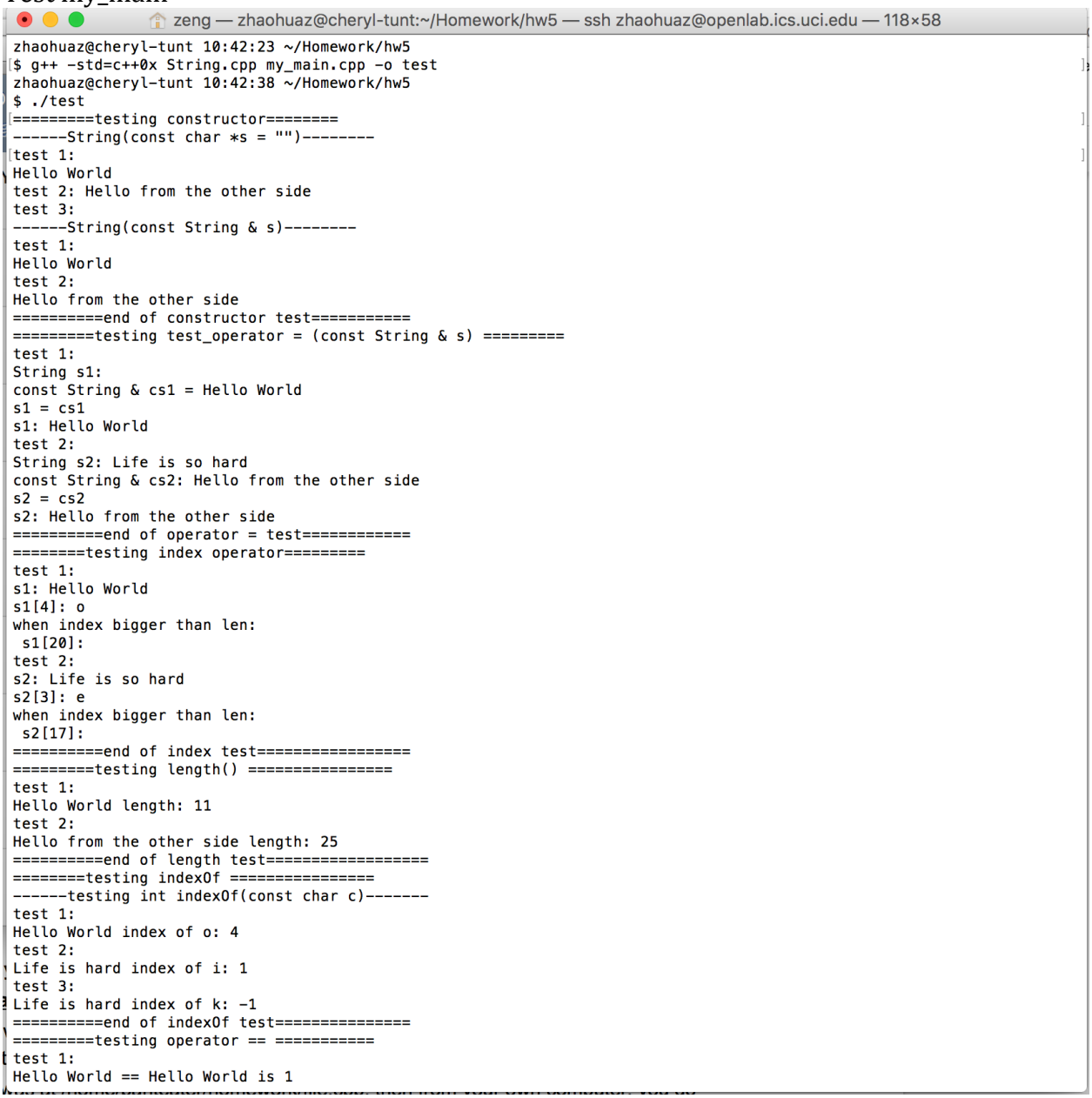
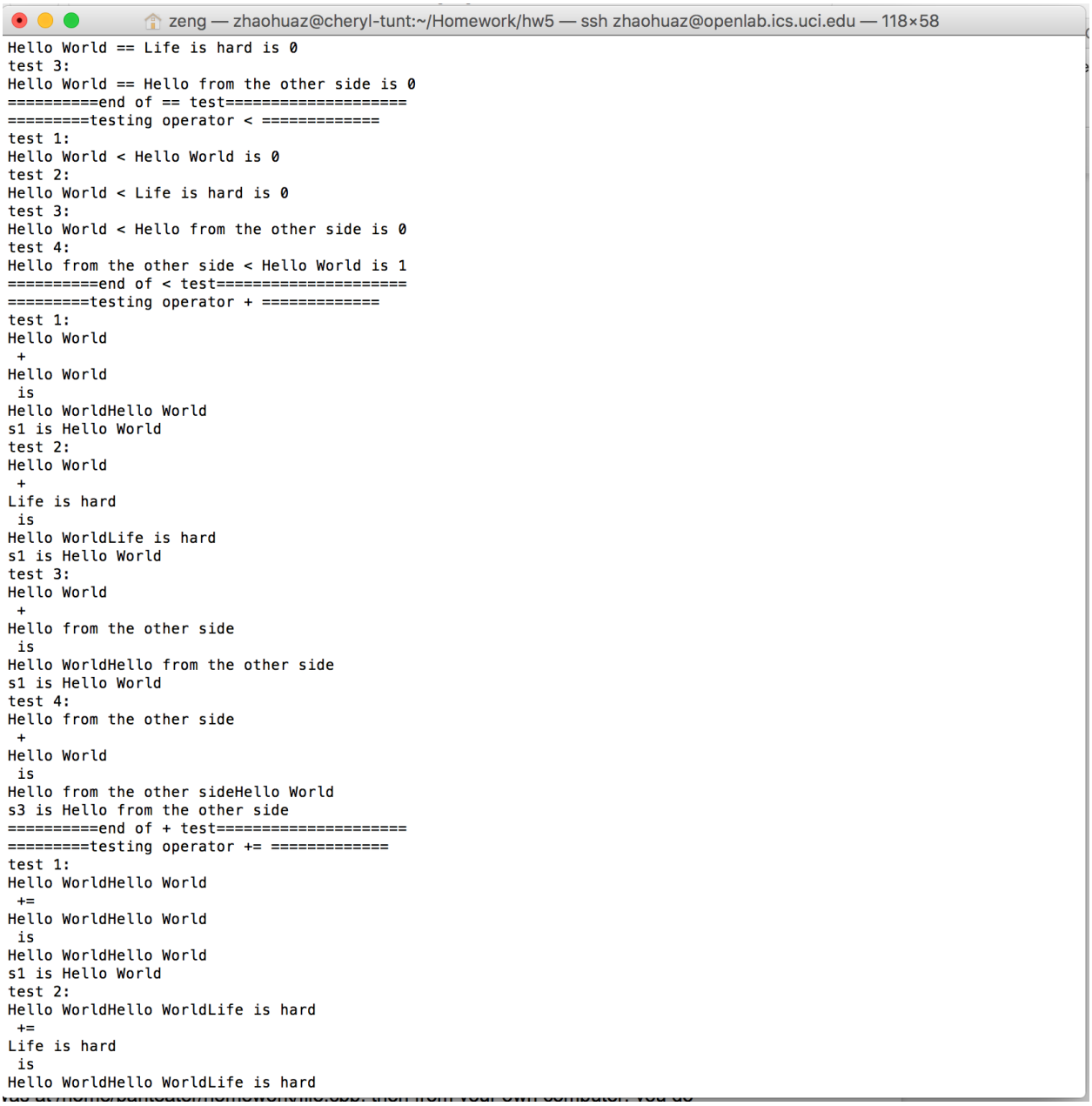
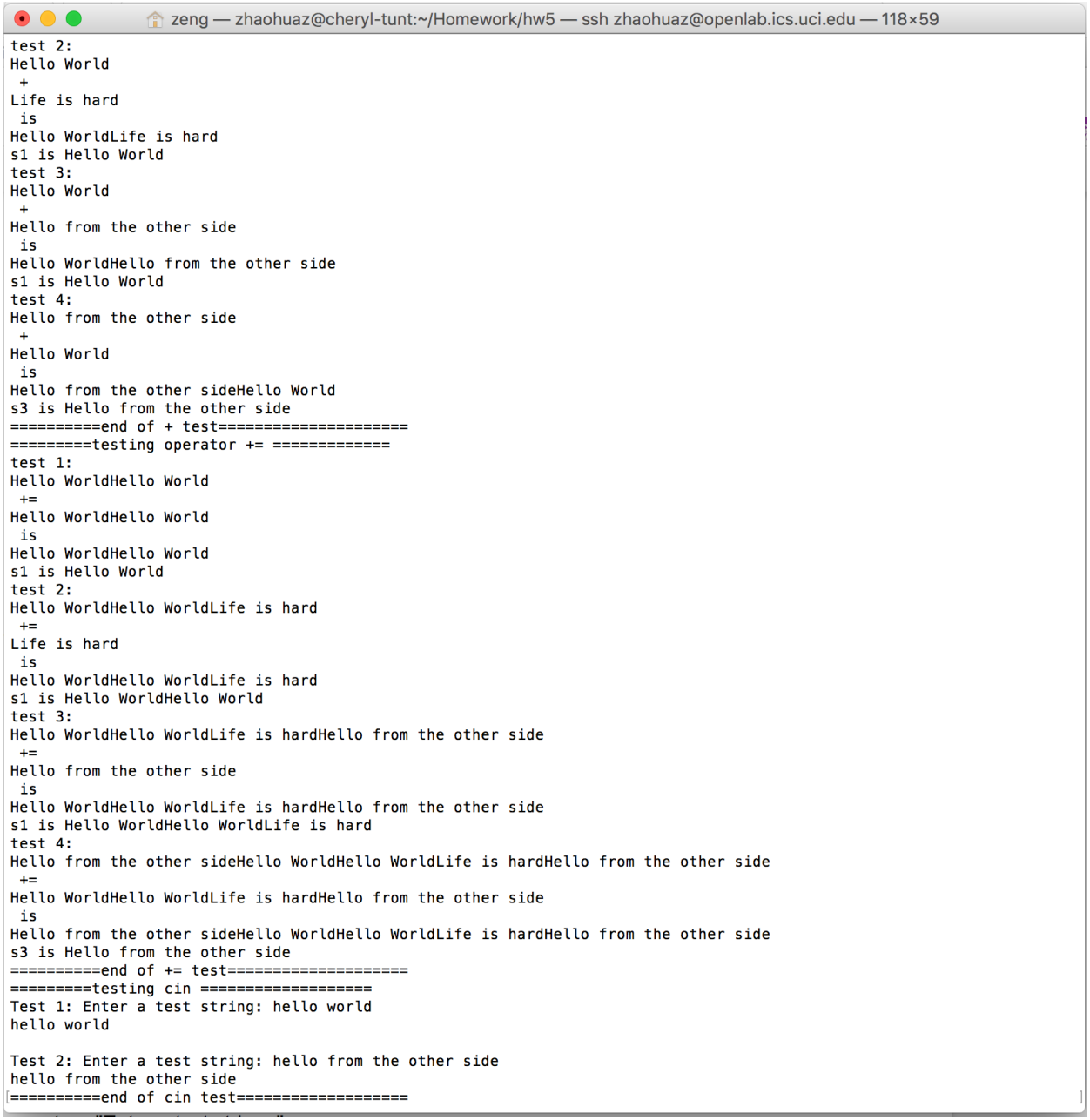
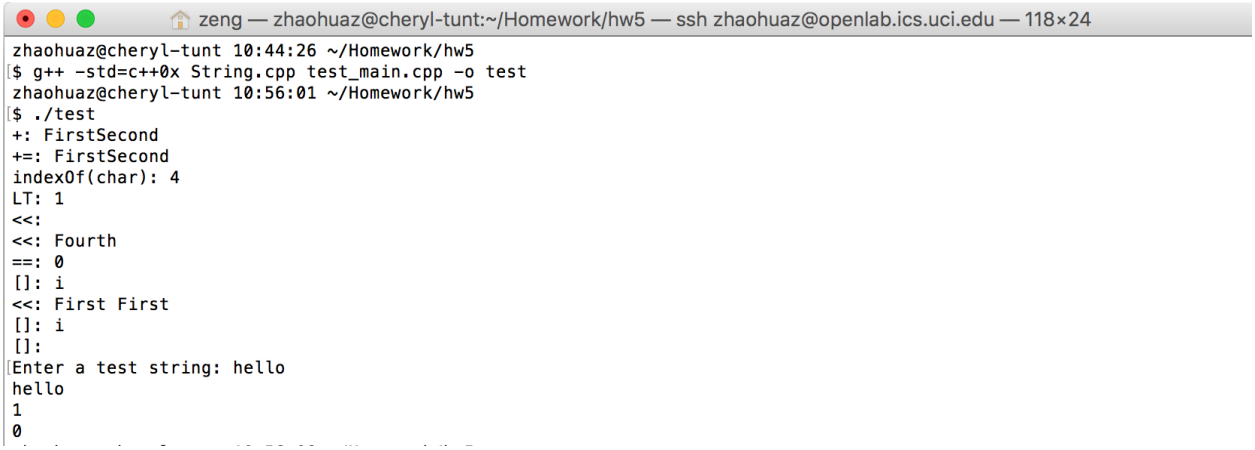
Test my_main


zeng — zhaohuaz@cheryl-tunt:~/Homework/hw5 — ssh zhaohuaz@openlab.ics.uci.edu — 118×58
zhaohuaz@cheryl-tunt 10:42:23 ~/Homework/hw5
$ g++ -std=c++0x String.cpp my_main.cpp -o test
zhaohuaz@cheryl-tunt 10:42:38 ~/Homework/hw5
$ ./test
=========testing constructor========
------String(const char *s = "")--------
test 1:
Hello World
test 2: Hello from the other side
test 3:
------String(const String & s)--------
test 1:
Hello World
test 2:
Hello from the other side
==========end of constructor test==========
=========testing test_operator = (const String & s) =========
test 1:
String s1:
const String & cs1 = Hello World
s1 = cs1
s1: Hello World
test 2:
String s2: Life is so hard
const String & cs2: Hello from the other side
s2 = cs2
s2: Hello from the other side
==========end of operator = test===========
========testing index operator=========
test 1:
s1: Hello World
s1[4]: o
when index bigger than len:
s1[20]:
test 2:
s2: Life is so hard
s2[3]: e
when index bigger than len:
s2[17]:
==========end of index test=================
=========testing length() ================
test 1:
Hello World length: 11
test 2:
Hello from the other side length: 25
==========end of length test==================
========testing indexOf ================
------testing int indexOf(const char c)-------
test 1:
Hello World index of o: 4
test 2:
Life is hard index of i: 1
test 3:
Life is hard index of k: -1
==========end of indexOf test===============
=========testing operator == ===========
test 1:
Hello World == Hello World is 1


zeng — zhaohuaz@cheryl-tunt:~/Homework/hw5 — ssh zhaohuaz@openlab.ics.uci.edu — 118×58
Hello World == Life is hard is 0
test 3:
Hello World == Hello from the other side is 0
==========end of == test====================
==========testing operator < =============
test 1:
Hello World < Hello World is 0
test 2:
Hello World < Life is hard is 0
test 3:
Hello World < Hello from the other side is 0
test 4:
Hello from the other side < Hello World is 1
==========end of < test=====================
==========testing operator + =============
test 1:
Hello World
 +
Hello World
 is
Hello WorldHello World
s1 is Hello World
test 2:
Hello World
 +
Life is hard
 is
Hello WorldLife is hard
s1 is Hello World
test 3:
Hello World
 +
Hello from the other side
 is
Hello WorldHello from the other side
s1 is Hello World
test 4:
Hello from the other side
 +
Hello World
 is
Hello from the other sideHello World
s3 is Hello from the other side
==========end of + test=====================
==========testing operator += =============
test 1:
Hello WorldHello World
 +=
Hello WorldHello World
 is
Hello WorldHello World
s1 is Hello World
test 2:
Hello WorldHello WorldLife is hard
 +=
Life is hard
 is
Hello WorldHello WorldLife is hard




Test test_main


zeng — zhaohuaz@cheryl-tunt:~/Homework/hw5 — ssh zhaohuaz@openlab.ics.uci.edu — 118×24
zhaohuaz@cheryl-tunt 10:44:26 ~/Homework/hw5
$ g++ -std=c++0x String.cpp test_main.cpp -o test
zhaohuaz@cheryl-tunt 10:56:01 ~/Homework/hw5
$ ./test
+: FirstSecond
+=: FirstSecond
indexOf(char): 4
LT: 1
<<:
<<: Fourth
==: 0
[]: i
<<: First First
[]: i
[]:
Enter a test string: hello
hello
1
0