- - -  
Please keep in mind that the autograder does not assign grades.  Project grades  
also take style, efficiency, and other deliverables into account.  Test cases  
used for grading may be completely different than those used to evaluate trial  
submissions.  
- - -  
  
Checking for unexpected file patterns:  
(Note: any file with two leading underscores or the extensions  
.o, .stderr, .stdout will be deleted. Case will be ignored)  
  
-------------------------------------------------------------------------------  
Checking for style errors:  
  
Found 2714 tokens in source.  
if this number significantly exceeds the average reported for all students,  
 your source code is too bloated and needs to be reduced in size.  
----------------------------------------------------------------  
./out.cpp: ASCII C program text  
\*\*\*Lines with more than 80 characters may not display or print well (line 10)  
\*\*\*Put a space after a comma or semicolon (line 67)  
----------------------------------------------------------------  
./route.h: ASCII C program text  
\*\*\*Lines with more than 80 characters may not display or print well (line 10)  
----------------------------------------------------------------  
./route.cpp: ASCII C program text  
\*\*\*Lines with more than 80 characters may not display or print well (line 16)  
\*\*\*Inconsistent brace style (lines 16,12)  
        Choose between the following two styles and be consistent:  
        if ( ... ) {  
        or  
        if ( ... )  
        {  
\*\*\*Put a space after a comma or semicolon (line 16)  
----------------------------------------------------------------  
./terrainInfo.cpp: ASCII C program text  
\*\*\*Put a space after a comma or semicolon (line 31)  
\*\*\*Warning: stream not flushed after error-related output  (line 43),  
 use <<flush or <<endl , or the message may be lost if the program crashes.  
\*\*\*Right braces should appear on a line by themselves (line 73)  
        unless they appear in the following forms "} else {",  
        do {  
        ...  
        } while();,  
        or to declare a variable of a type just defined  
----------------------------------------------------------------  
./out.h: ASCII C program text  
\*\*\*Lines with more than 80 characters may not display or print well (line 8)  
----------------------------------------------------------------  
./main.cpp: ASCII C program text  
\*\*\*Put a space after a comma or semicolon (line 19)  
\*\*\*Right braces should appear on a line by themselves (line 26)  
        unless they appear in the following forms "} else {",  
        do {  
        ...  
        } while();,  
        or to declare a variable of a type just defined  
\*\*\*Inconsistent brace style (lines 40,13)  
        Choose between the following two styles and be consistent:  
        if ( ... ) {  
        or  
        if ( ... )  
        {  
----------------------------------------------------------------  
./config.cpp: ASCII C program text  
\*\*\*Put a space after a comma or semicolon (line 8)  
\*\*\*Inconsistent brace style (lines 22,21)  
        Choose between the following two styles and be consistent:  
        if ( ... ) {  
        or  
        if ( ... )  
        {  
\*\*\*Warning: stream not flushed after error-related output  (line 56),  
 use <<flush or <<endl , or the message may be lost if the program crashes.  
----------------------------------------------------------------  
./terrainInfo.h: ASCII C program text  
\*\*\*Put a space after a comma or semicolon (line 9)  
----------------------------------------------------------------  
./config.h: ASCII C++ program text  
\*\*\* -ok!  
  
-------------------------------------------------------------------------------  
All expected files found  
  
-------------------------------------------------------------------------------  
Build warnings/errors:  
Build output:  
g++ -Wall -Wextra -pedantic -Wvla -std=c++11 -O3 -c main.cpp  
g++ -Wall -Wextra -pedantic -Wvla -std=c++11 -O3 -c config.cpp  
g++ -Wall -Wextra -pedantic -Wvla -std=c++11 -O3 -c terrainInfo.cpp  
g++ -Wall -Wextra -pedantic -Wvla -std=c++11 -O3 -c route.cpp  
g++ -Wall -Wextra -pedantic -Wvla -std=c++11 -O3 -c out.cpp  
g++ -Wall -Wextra -pedantic -Wvla -std=c++11 -O3 main.o config.o terrainInfo.o route.o out.o -o proj1  
\*\*\*Warning: 'make clean' does not remove all executable and object files.  You will be deducted 10%.  
  
  
===============================================================================  
Scoring student executable...  
  
  
Test case SampleMs: Failed (runtime (sec) 0.001, memory usage (kb) 1224)  
Line: 1  
Correct output : "4"  
Student output : "M"  
Warning: Your program used more system time (0.001 sec) than user time (0.000 sec).  
        This may be due to excessive I/O, overly frequent time measurement  
        (via getrusage for example), or unnecessary system calls.  
  
-------------------------------------------------------------------------------  
Test case SampleMq: Failed (runtime (sec) 0.001, memory usage (kb) 1220)  
Line: 1  
Correct output : "4"  
Student output : "M"  
  
-------------------------------------------------------------------------------  
Test case SampleMS: Failed (runtime (sec) 0.001, memory usage (kb) 1220)  
Line: 1  
Correct output : "4"  
Student output : "M"  
Warning: Your program used more system time (0.001 sec) than user time (0.000 sec).  
        This may be due to excessive I/O, overly frequent time measurement  
        (via getrusage for example), or unnecessary system calls.  
  
-------------------------------------------------------------------------------  
Test case SampleMQ: Failed (runtime (sec) 0.001, memory usage (kb) 1220)  
Line: 1  
Correct output : "4"  
Student output : "M"  
Warning: Your program used more system time (0.001 sec) than user time (0.000 sec).  
        This may be due to excessive I/O, overly frequent time measurement  
        (via getrusage for example), or unnecessary system calls.  
  
-------------------------------------------------------------------------------  
Test case SampleLs: Failed (runtime (sec) 0.001, memory usage (kb) 1224)  
Line: 1  
Correct output : "4"  
Student output : "erro"...  
Warning: Your program used more system time (0.001 sec) than user time (0.000 sec).  
        This may be due to excessive I/O, overly frequent time measurement  
        (via getrusage for example), or unnecessary system calls.  
  
-------------------------------------------------------------------------------  
Test case SampleLq: Failed (runtime (sec) 0.001, memory usage (kb) 1224)  
Line: 1  
Correct output : "4"  
Student output : "erro"...  
  
-------------------------------------------------------------------------------  
Test case SampleLS: Failed (runtime (sec) 0.001, memory usage (kb) 1224)  
Line: 1  
Correct output : "4"  
Student output : "erro"...  
  
-------------------------------------------------------------------------------  
Test case SampleLQ: Failed (runtime (sec) 0.001, memory usage (kb) 1224)  
Line: 1  
Correct output : "4"  
Student output : "erro"...  
Warning: Your program used more system time (0.001 sec) than user time (0.000 sec).  
        This may be due to excessive I/O, overly frequent time measurement  
        (via getrusage for example), or unnecessary system calls.  
  
-------------------------------------------------------------------------------  
Test case SGq: Failed (runtime (sec) 0.001, memory usage (kb) 1228)  
Line: 1  
Correct output : "5"  
Student output : "M"  
Warning: Your program used more system time (0.001 sec) than user time (0.000 sec).  
        This may be due to excessive I/O, overly frequent time measurement  
        (via getrusage for example), or unnecessary system calls.  
  
-------------------------------------------------------------------------------  
Test case SFs: Failed (runtime (sec) 0.001, memory usage (kb) 1232)  
Line: 1  
Correct output : "5"  
Student output : "M"  
Warning: Your program used more system time (0.001 sec) than user time (0.000 sec).  
        This may be due to excessive I/O, overly frequent time measurement  
        (via getrusage for example), or unnecessary system calls.  
  
-------------------------------------------------------------------------------  
Test case SEs: Failed (runtime (sec) 0.001, memory usage (kb) 1216)  
Line: 1  
Correct output : "3"  
Student output : "M"  
  
-------------------------------------------------------------------------------  
Test case SEq: Failed (runtime (sec) 0.001, memory usage (kb) 1216)  
Line: 1  
Correct output : "3"  
Student output : "M"  
  
-------------------------------------------------------------------------------  
Test case SES: Failed (runtime (sec) 0.001, memory usage (kb) 1216)  
Line: 1  
Correct output : "3"  
Student output : "M"  
  
-------------------------------------------------------------------------------  
Test case SEQ: Failed (runtime (sec) 0.001, memory usage (kb) 1216)  
Line: 1  
Correct output : "3"  
Student output : "M"  
Warning: Your program used more system time (0.001 sec) than user time (0.000 sec).  
        This may be due to excessive I/O, overly frequent time measurement  
        (via getrusage for example), or unnecessary system calls.  
  
-------------------------------------------------------------------------------  
Test case SDs: Failed (runtime (sec) 0.001, memory usage (kb) 1232)  
Line: 1  
Correct output : "5"  
Student output : "M"  
Warning: Your program used more system time (0.001 sec) than user time (0.000 sec).  
        This may be due to excessive I/O, overly frequent time measurement  
        (via getrusage for example), or unnecessary system calls.  
  
-------------------------------------------------------------------------------  
Test case SDQ: Failed (runtime (sec) 0.001, memory usage (kb) 1232)  
Line: 1  
Correct output : "5"  
Student output : "M"  
  
-------------------------------------------------------------------------------  
Test case SCq: Failed (runtime (sec) 0.001, memory usage (kb) 1244)  
Line: 1  
Correct output : "14"  
Student output : "L"  
Warning: Your program used more system time (0.001 sec) than user time (0.000 sec).  
        This may be due to excessive I/O, overly frequent time measurement  
        (via getrusage for example), or unnecessary system calls.  
  
-------------------------------------------------------------------------------  
Test case SCS: Failed (runtime (sec) 0.001, memory usage (kb) 1244)  
Line: 1  
Correct output : "14"  
Student output : "L"  
  
-------------------------------------------------------------------------------  
Test case SBS: Failed (runtime (sec) 0.001, memory usage (kb) 1232)  
Line: 1  
Correct output : "5"  
Student output : "M"  
Warning: Your program used more system time (0.001 sec) than user time (0.000 sec).  
        This may be due to excessive I/O, overly frequent time measurement  
        (via getrusage for example), or unnecessary system calls.  
  
-------------------------------------------------------------------------------  
Test case SAq: Failed (runtime (sec) 0.001, memory usage (kb) 1232)  
Line: 1  
Correct output : "5"  
Student output : "M"  
Warning: Your program used more system time (0.001 sec) than user time (0.000 sec).  
        This may be due to excessive I/O, overly frequent time measurement  
        (via getrusage for example), or unnecessary system calls.  
  
-------------------------------------------------------------------------------  
Test case MedM2s: Failed (runtime (sec) 0.008, memory usage (kb) 6476)  
Line: 1  
Correct output : "160"  
Student output : "M"  
  
-------------------------------------------------------------------------------  
Test case INV8: Passed (runtime (sec) 0.001, runtime budget (sec) 0.020, memory usage (kb) 1072, memory budget (kb) 3000)  
You measured 0.9/1.0 for this test case  
Warning: Your program used more system time (0.001 sec) than user time (0.000 sec).  
        This may be due to excessive I/O, overly frequent time measurement  
        (via getrusage for example), or unnecessary system calls.  
  
-------------------------------------------------------------------------------  
Test case INV7: Passed (runtime (sec) 0.001, runtime budget (sec) 0.020, memory usage (kb) 1072, memory budget (kb) 3000)  
You measured 0.9/1.0 for this test case  
Warning: Your program used more system time (0.001 sec) than user time (0.000 sec).  
        This may be due to excessive I/O, overly frequent time measurement  
        (via getrusage for example), or unnecessary system calls.  
  
-------------------------------------------------------------------------------  
Test case INV6: Failed (runtime (sec) 35.005, memory usage (kb) 1164)  
The program was stopped with signal SIGXCPU ---  
Your program exceeded the time limit.  
  
-------------------------------------------------------------------------------  
Test case INV5: Passed (runtime (sec) 0.002, runtime budget (sec) 0.020, memory usage (kb) 1216, memory budget (kb) 3000)  
You measured 0.9/1.0 for this test case  
  
-------------------------------------------------------------------------------  
Test case INV4: Passed (runtime (sec) 0.002, runtime budget (sec) 0.020, memory usage (kb) 1216, memory budget (kb) 3000)  
You measured 0.9/1.0 for this test case  
  
-------------------------------------------------------------------------------  
Test case INV3: Passed (runtime (sec) 0.002, runtime budget (sec) 0.020, memory usage (kb) 1212, memory budget (kb) 3000)  
You measured 0.9/1.0 for this test case  
  
-------------------------------------------------------------------------------  
Test case INV2: Passed (runtime (sec) 0.002, runtime budget (sec) 0.020, memory usage (kb) 1192, memory budget (kb) 3000)  
You measured 0.9/1.0 for this test case  
  
-------------------------------------------------------------------------------  
Test case INV1: Passed (runtime (sec) 0.002, runtime budget (sec) 0.020, memory usage (kb) 1160, memory budget (kb) 3000)  
You measured 0.9/1.0 for this test case  
  
-------------------------------------------------------------------------------  
Test case MedL2q: Failed (runtime (sec) 0.031, memory usage (kb) 5620)  
Line: 1  
Correct output : "160"  
Student output : "L"  
  
-------------------------------------------------------------------------------  
Test case MedM4q: Failed (runtime (sec) 0.125, memory usage (kb) 37712)  
Line: 1  
Correct output : "101"  
Student output : "M"  
  
-------------------------------------------------------------------------------  
Test case MedL3Q: Failed (runtime (sec) 0.103, memory usage (kb) 34868)  
Line: 1  
Correct output : "320"  
Student output : "L"  
  
-------------------------------------------------------------------------------  
Test case MedM3S: Failed (runtime (sec) 0.192, memory usage (kb) 52452)  
Line: 1  
Correct output : "320"  
Student output : "M"  
  
-------------------------------------------------------------------------------  
Test case MedM5Q: Failed (runtime (sec) 0.926, memory usage (kb) 526664)  
Line: 1  
Correct output : "192"  
Student output : "M"  
  
-------------------------------------------------------------------------------  
Test case MedL4S: Failed (runtime (sec) 0.633, memory usage (kb) 52920)  
Line: 1  
Correct output : "101"  
Student output : "L"  
  
-------------------------------------------------------------------------------  
Test case BM8q: Failed (runtime (sec) 1.193, memory usage (kb) 526492)  
The program was stopped with signal SIGABRT ---  
Your program threw std::bad\_alloc exception.  
It may have exceeded the memory limit.  
  
-------------------------------------------------------------------------------  
Test case BM6Q: Failed (runtime (sec) 0.827, memory usage (kb) 527548)  
The program was stopped with signal SIGABRT ---  
Your program threw std::bad\_alloc exception.  
It may have exceeded the memory limit.  
  
-------------------------------------------------------------------------------  
Test case BM4s: Failed (runtime (sec) 0.856, memory usage (kb) 525760)  
The program was stopped with signal SIGABRT ---  
Your program threw std::bad\_alloc exception.  
It may have exceeded the memory limit.  
  
-------------------------------------------------------------------------------  
Test case BM2S: Failed (runtime (sec) 0.857, memory usage (kb) 526352)  
The program was stopped with signal SIGABRT ---  
Your program threw std::bad\_alloc exception.  
It may have exceeded the memory limit.  
  
-------------------------------------------------------------------------------  
Test case MedL5s: Failed (runtime (sec) 5.201, memory usage (kb) 526728)  
Line: 1  
Correct output : "192"  
Student output : "L"  
  
-------------------------------------------------------------------------------  
Test case BL7S: Failed (runtime (sec) 0.267, memory usage (kb) 525904)  
The program was stopped with signal SIGABRT ---  
Your program threw std::bad\_alloc exception.  
It may have exceeded the memory limit.  
  
-------------------------------------------------------------------------------  
Test case BL3q: Failed (runtime (sec) 0.268, memory usage (kb) 526728)  
The program was stopped with signal SIGABRT ---  
Your program threw std::bad\_alloc exception.  
It may have exceeded the memory limit.  
  
-------------------------------------------------------------------------------  
Test case BL5s: Failed (runtime (sec) 0.269, memory usage (kb) 527244)  
The program was stopped with signal SIGABRT ---  
Your program threw std::bad\_alloc exception.  
It may have exceeded the memory limit.  
  
-------------------------------------------------------------------------------  
Test case BL1Q: Failed (runtime (sec) 0.266, memory usage (kb) 526892)  
The program was stopped with signal SIGABRT ---  
Your program threw std::bad\_alloc exception.  
It may have exceeded the memory limit.  
  
-------------------------------------------------------------------------------  
You passed 7 out of 44 test cases measuring 6.3/80.0  
  
  
===============================================================================  
Scoring student test cases...  
  
  
Processing test 1.txt  
Instructors' intentionally-buggy solutions caught: (invalid test case - could be due to size, incorrect format, or causing a correct solution to exit with error)  
  
Processing test 2.txt  
Instructors' intentionally-buggy solutions caught: (invalid test case - could be due to size, incorrect format, or causing a correct solution to exit with error)  
  
Processing test 3.txt  
Instructors' intentionally-buggy solutions caught: 3 6 7 11  
  
Processing test 4.txt  
Instructors' intentionally-buggy solutions caught: (invalid test case - could be due to size, incorrect format, or causing a correct solution to exit with error)  
  
Processing test 5.txt  
Instructors' intentionally-buggy solutions caught: 2 10  
  
Processing test 6.txt  
Instructors' intentionally-buggy solutions caught: (invalid test case - could be due to size, incorrect format, or causing a correct solution to exit with error)  
  
  
===============================================================================  
  
\*\*\*NOTE: At least one student test case (test-3.txt and possibly others), exposed the student's solution as buggy.  
  
Caught 6 of 12 buggy solutions in 4 good test cases, measuring 10.0 of 20.0 effort  
  
Total points earned: (6.3 for code) + (10.0 for test cases) = 16.3 points