CISC105 Spring 2006 Project 2
Due 4/10/06 at midnight (that is 12 a.m. 4/11).

Name:＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿ Section:＿＿＿＿TA:＿＿＿＿＿＿＿＿＿

Login name:＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿

Read these **two** pages carefully, and fill in blanks and check off boxes that apply. Then **SIGN** at the bottom of this sheet and **STAPLE** to the front of your project. Projects missing a signature will be graded zero.

Remember, **all** compiling and scripting must be done on the composers, not on a PC (ssh to a composer **is** on the composer). Read the C coding and Assignment Standards page on the class website.

Do not modify the data provided if you want full credit. If you do modify data, you must say so below, and say how it was modified and why.

Follow script instructions for both data files fully (see below), and then check the box next to each to indicate you did so, and that it worked correctly. You must follow standard script protocol, i.e. cat the program, etc. See lab00 if you have a question about scripting. If you do the examples consecutively in a single script file, you may cat your program only once.

Note: You can get partial credit for a program that works partially. Just show your program's capabilities in the script file and make a note to your TA so they can understand what you did when they are grading. If you don't show us, we won't know it works.

Test Data

Test and demonstrate your menu as you perform the following tests for the three parts. As you perform each test, check the TESTED box; if it produces a correct result, also check the IT WORKS box. Do not try to put the answers here, they are in your script.

I don't know what you named your functions, so below they are referred to as part 4, part 6, and part 8 (from the instructions). These would be very poor function names! Each line below is one function test. For example, the first line says to call the function from part 4 (nextTrainAtStation) with time 0030 for station 101.

File "data"

function	time	station	train	TESTED	IT WORKS
2.4	0030	101			
2.4	0105	101			
2.4	1900	103			
2.4	2100	103			
2.4	0100	106			
2.6	0130		1		
2.6	0		1		
2.6	1830		1		
2.6	1830		3		
2.8	0100		2		

File "data2"

function	time	station	train	TESTED	IT WORKS
2.4	0100	103			
2.4	0100	102			
2.6	0100		33		
2.8	0200		1		
2.8	0230		21		
2.8	0000		33		
2.8	2359		33		

Whole program

For each part, check the ONE box that best describes the performance of your program. NOTE: this must match the actual performance of your code in the script file or your project will be penalized.

	works perfectly for all data	runs w/bugs	compiles	won't compile
part 2				
part 3				
part 4				
part 5				
part 6				
part 7				
part 8				

Answer: Did you modify any of the input data? If so, what did you change, and why?

Here is space for any other information about your program, its capabilities (e.g. error testing), or its execution that you think the grader should know. If your program does not work perfectly, explain which part doesn't work here:

Check **EVERY** box below to receive full credit for your project:

I have thoroughly checked the output of my project for all data sets provided. ☐

I have circled all errors in my output, if any. (possible 10 % penalty) ☐

I have read the Assignment Standards section of the website. ☐

I have read the C Coding Standards section of the website. ☐

I have done all the coding on this project by myself, and I am familiar with the University's policy on academic honesty. ☐

I have read the notes and examples regarding Academic Honesty on the class website, and I understand them. ☐

I certify that the above statements are true.

SIGNATURE_____