

CISC105 Spring 2007 Project 1  
Due 3/19/07 at midnight (that is 12 a.m. 3/20/07).

Name:\_\_\_\_\_

Section:\_\_\_\_\_TA:\_\_\_\_\_

Login name:\_\_\_\_\_

Read these **three** pages carefully, and fill in blanks and check off boxes that apply. Then **SIGN** at the bottom of the last sheet and **STAPLE** all pages to the front of your project.

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 test 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.

Script examples 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. Circle any errors in your script file. 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.

## Check Boxes

The check boxes on this coversheet are important. They help your TA with a very difficult task. They also help us understand whether you know what you are doing. If you skip boxes that should be checked, or check boxes that aren't true, you will lose some credit. Please take your time and fill out this sheet carefully.

## Test Data

Test and script your program as you perform the following tests. 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.

### Pizza

	diameter	cost	TESTED	IT WORKS
A	16	13.00		
B	14	9.99		
C	8	3.25		
D	18	15.50		

## Exponentiation

	base	exponent	TESTED	IT WORKS
A	2	20		
B	3.5	17		
C	0.2	5		
D	0.1	10		
E	10	20		

## Temperature Conversion

	kind	temp	TESTED	IT WORKS
A	$F \rightarrow C$	98.6		
B	$F \rightarrow C$	101.5		
C	$F \rightarrow C$	212		
D	$F \rightarrow C$	-36		
E	$C \rightarrow F$	0		
F	$C \rightarrow F$	-273.15		

## Program Performance

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
pizza program				
exponent program				
conversion program				
menu program (all parts)				

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 extra capabilities (e.g. error testing, special data), 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\_\_\_\_\_