Computer Science & Engineering
UNIVERSITY *of* WASHINGTON

CSE 333 13su Exercise 7

out: Friday, July 12, 2013
due: Monday, July 15, 2013 by **9:00 am**.

Write a C program that:

- accepts a directory name as a command-line argument
- scans through the directory looking for filenames that end in the four characters ".txt"
- reads the contents of those files using open / read / close, copying the contents to stdout

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Your code must:

- compile without errors or warnings on CSE Linux machines (lab workstations, attu, or CSE home VM)
- have no crashes, memory leaks, or memory errors on CSE linux machines
- be contained in a single file called "ex7.c" that compiles with the command "gcc -Wall -g -std=gnu99 -o ex7 ex7.c" -- do not submit a Makefile.
- be pretty: the formatting, modularization, variable and function names, and so on must make us smile rather than cry. (Suggestion: clint.)
- be robust: you should think about handling bogus input from the user, and you should handle hard-to-handle cases (if there are any) gracefully.
- have a comment at the top of your .c file with your name, student number, and CSE or UW email address.

You should submit your exercise using the assignment dropbox linked on the main course web page.