

RMCS LAB

EXPERIMENTS 2 and 3

August 6, 2012

Experiment 2: Finding number of files in directories

Students are required to generate data on the number of files in different directories in the following formats.

1. Find the number of files (excluding directories) in /, /bin, /usr/bin and /var directories. Output them as dir name < *TAB* > no. of files
2. Find the number of directories in the above directories and output them in the same two column format as above
3. Find the number of files with sizes > 100KB in /, /bin, /usr, /usr/bin and /usr/sbin directories and output them in a two column format with the name of the directory and the number of files.

Experiment 3: An interactive shell program:

Write a script that asks the user to guess a number between 1 and 50. Once the user types in the guess, answers if the guess is less than the correct number or more thus guiding the search. When the user guesses the correct number, it congratulates the user and outputs the number of guesses that the user made to locate the correct number.