

University of Texas at Dallas--Computer Science Program
CS 5348 Operating Systems Concepts Fall 2018
Project 2-Part 2

The modified Unix Version 6 file system that you designed in project 2-part 1 is to be extended to implement the following additional commands:

(a) **cpin externalfile v6-file**

 Creat a new file called v6-file in the v6 file system and fill the contents of the newly created file with the contents of the externalfile.

(b) **cpout v6-file externalfile**

 If the v6-file exists, create externalfile and make the externalfile's contents equal to v6-file.

(c) **mkdir v6-dir**

 If v6-dir does not exist, create the directory and set its first two entries . and ..

(d) **rm v6-file**

 If v6-file exists, delete the file, free the i-node, remove the file name from the (parent) directory that has this file and add all data blocks of this file to the free list.

(e) **q**

 Save all changes and quit.

Keep in mind that all file names of the v6-file system will be absolute path names (starting with /).

Due date: November 29, 2018 11:55 pm.