

CTEC 222: UNIX Operating System
Homework: #1, Due Date: 28th February, 2011

Name:

Student ID:

Note: Make sure your handwriting is readable to the instructor. Staple the signed honor code with the homework. It is recommended to use a computer to type. Homework is due at the starting of class. No late Homework's will be accepted.

Honor Code: I have neither taken nor received any help from another person/student for this homework.

Signature:

1. Why is the UNIX file system referred as hierarchical?
2. What is a utility program?
3. Who created UNIX? What are the two main parts of UNIX? Describe them?
4. What are the advantages and disadvantages of command line in UNIX?
5. What are relative path and an absolute path in UNIX? Explain with an example.
6. Write a command to rename a file from "sam123.h" to "myfile.cpp"?
7. Draw an upside-down tree for a simplified UNIX directory/file system. Start from the root node [/]. Show your username and files/directories inside it.
8. Try giving the two commands

\$echo cat

\$cat echo

Explain the differences between them?