



ALBUKHARY INTERNATIONAL UNIVERSITY

SCHOOL OF COMPUTING & INFORMATICS

Course Title : OPERATING SYSTEMS
Course Code : CCC 2123

LAB EXERCISE 2 (Week 8)

Instructions:

Interpret the following CLI command (see num. 1 has been done for you):

| Num. | Command Line Interfaces (CLIs) | Interpretation of the CLIs | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|--------------------------------|--|---|------------|-----|---|------|-----|---|--------------|-----|---|------------|-----|---|-------------------|-----|---|-----------|-----|---|------------------|-----|---|----------------|-----|---|--------------------------|-----|
| 1. | ls -l | Example: ls -l is command-line interface (CLI) that is used to list detailed information about files and directories in the current directory. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. | cp studentfile.txt backup/ | copy the studentfile.txt to backup directory | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. | rm -r student_files/ | remove the student_file directory | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. | grep OS assignment.txt | Search for the word 'OS' in assignment.txt | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. | chmod 770 myfile.txt | change the access mode (1st # = owner, 2nd # = group, 3rd # = all) <table><thead><tr><th>#</th><th>Permission</th><th>rwX</th></tr></thead><tbody><tr><td>0</td><td>none</td><td>000</td></tr><tr><td>1</td><td>execute only</td><td>001</td></tr><tr><td>2</td><td>write only</td><td>010</td></tr><tr><td>3</td><td>write and execute</td><td>011</td></tr><tr><td>4</td><td>read only</td><td>100</td></tr><tr><td>5</td><td>read and execute</td><td>101</td></tr><tr><td>6</td><td>read and write</td><td>110</td></tr><tr><td>7</td><td>read, write, and execute</td><td>111</td></tr></tbody></table> | # | Permission | rwX | 0 | none | 000 | 1 | execute only | 001 | 2 | write only | 010 | 3 | write and execute | 011 | 4 | read only | 100 | 5 | read and execute | 101 | 6 | read and write | 110 | 7 | read, write, and execute | 111 |
| # | Permission | rwX | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | none | 000 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | execute only | 001 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | write only | 010 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | write and execute | 011 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | read only | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | read and execute | 101 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | read and write | 110 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | read, write, and execute | 111 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. | cat project1.txt | open and edit the project1.txt | | | | | | | | | | | | | | | | | | | | | | | | | | | |