

Green University of Bangladesh

Department of Computer Science & Engineering

Lab Final Examination, Spring 2023

Course Code: CSE 310

Time: 60 Minutes

Course Instructor: Abdullah Al Farhad

Course Title: Operating System lab

Date: 02/03/2024

1. Create a directory named SpaceColony. Change your current directory to that directory. Then create four new empty files called "mission_report.txt", "alien_encounter.log", "security_manual.doc", and "confidential_plans.txt" using a single command. Set the permissions as follows: 6

- a) Check the permissions on "mission_report.txt" and grant the "user" read and write permissions, the "group" read permissions, and the "others" no permissions.
- b) Check the permissions on "alien_encounter.log" and give the "user" read, write, and execute permissions, the "group" read and execute permissions, and the "others" execute permissions only.
- c) Designate the file named "security_manual.doc" with the "user" having full access (read, write, and execute), the "group" having read and execute permissions, and the "others" having read permission only.

2. You are given lists of files. 9

Summer_vacation2023_report.txt
project_proposal_final6.doc
nature_photography_collection.ppt
financial_statement_2023.png
10_recipe_book.jpg
travel_journal_italy.png
3rd_client_contract_agreement.pdf
party2_playlist.txt
research_paper_results.doc
Resume_template.doc
palindrome.sh

- 1. Create the above files using command.
- 2. Now open the file **Resume_template.doc** in the gedit editor and write 10 lines about this lab course.

3. Write a command to list out the file names having .doc extension. Now filter the list of word files that starts with two consecutive digits and ends with a character ranging [a-v].