**Government College University, Lahore**

**Operating Systems Lab**

**Semester: 5th Session: 2019-23**

**Linux File Permissions**

**Section: A/B/C**

**Assignment-7 (Individual)**

File permissions describe who can read, write and execute a file, or in the case of a directory, who can list its contents, save to it and change into it. In Linux file permissions are expressed as follows:

**read -> r:** user's capability to read the contents of the file.

**write -> W:** user's capability to write or modify a file or directory.

**execute ->x:** user's capability to execute a file or view the contents of a directory

**Assignment**:

1. Create a my-files directory and add the following files.

notes.txt

assignment.txt

quiz.txt

1. Set file permissions according to the table below.

|  |  |
| --- | --- |
| **File Name** | **Permissions** |
| notes.txt | Everyone can read and write to this file. |
| assignment.txt | Nobody outside the group can read and write. |
| quiz.txt | Only the user can read, write and execute. |

**Instructions:**

1. Submission Date is 09 January 2022, 12:00 midnight.
2. This assignment holds 5 marks.
3. Make sure to practice all the commands yourself. Don’t copy from internet or your friends.
4. Take a screen shot of your work, rename the file like this, (Name-Roll#-Sec)
5. Upload the file to this link in your section’s folder:

<https://drive.google.com/drive/folders/1mvHTmbwnN0zgOJbHQE42LDNPrpBzK0lt?usp=sharing>