



Assignment - 06

ENH 1301 - Application Laboratory

Instructions :

Time: 30 minutes

- Students are not allowed to use the internet or mobile phones during the assignment.
- Follow the instructions given in the activities and do the relevant tasks exactly as described in the provided instructions.
- Take the screenshots of the commands and outputs according to the questions
- Create a pdf file, rename it with your index number and upload it to the Submission link.
- All work must be your own; collaboration is not allowed.
- You cannot use your mobile phone and other materials , If you use them that will cause the cancellation of your assignment.
- You will be having a viva session after the Submission.(During the Viva session using any materials or mobile phone strictly prohibited)

Task

1. Create a main directory named **WebApp**. Inside **WebApp**, create three subdirectories: **HTML**, **Assets**, and **Logs** in one command.
2. Inside the **HTML** directory, create two files named **home.html** and **contact.html** in one command.
3. Inside the **Assets** directory, create two subdirectories named **Images** and **Fonts** in one command.
4. Inside the **Images** subdirectory, create a file named **logo.png**, and inside the **Fonts** subdirectory, create a file named **main.ttf** using one command.
5. In the **WebApp** directory, create a file named **readme.txt** and add the text:
"This is a web application project with images, fonts, and HTML pages."

6. Give **main.ttf** read and write permissions only to the owner, and no permissions to group and others.
7. Set **Logs** so that only the owner can read and write, but not execute.
8. List the contents of **WebApp**, **Assets/Images**, and **Assets/Fonts** with detailed information including hidden files.
9. Add the following content to **home.html** without using a text editor:
`<h2>Home Page</h2>`
10. Add the following content to **contact.html** without using a text editor:
`<p>Contact us at support@example.com</p>`
11. Copy **main.ttf** from **Assets/Fonts** to the **Logs** directory and rename it **backup_main.ttf**.
12. Move **logo.png** from **Assets/Images** to a new directory named **Media** inside **WebApp**.
13. Inside the **HTML** directory, create four files: **draft1.html**, **draft2.html**, **draft_notes.html**, **draft_backup.html**. Then delete only the files that start with **draft** and end with a number (e.g., **draft1.html**, **draft2.html**) using a wildcard.
14. Display only the filenames (not details) of all files inside **WebApp** recursively, and count how many files exist in total, using a combined command.
15. In the **HTML** directory, create three files (**info1.html**, **info2.html**, **info3.html**), and then combine them into a single file named **all_info.html** using a single command.