

Task 1: Creating Users via Command Prompt

Step 2: Create two users (student1 and student2):

```
Microsoft Windows [Version 10.0.19045.5011]
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C:\WINDOWS\system32>net user student1 password123 /add
The command completed successfully.

C:\WINDOWS\system32>net user student2 password456 /add
The command completed successfully.
```

step 3: Verify the users were created:

```
C:\WINDOWS\system32>net user student1
User name                student1
Full Name
Comment
User's comment
Country/region code      000 (System Default)
Account active           Yes
Account expires          Never

Password last set        21/10/2024 6:03:25 pm
Password expires         02/12/2024 6:03:25 pm
Password changeable      21/10/2024 6:03:25 pm
Password required        Yes
User may change password Yes

Workstations allowed     All
Logon script
User profile
Home directory
Last logon               Never

Logon hours allowed      All

Local Group Memberships  *Users
Global Group memberships *None
The command completed successfully.
```

```
C:\WINDOWS\system32>net user student2
User name                student2
Full Name
Comment
User's comment
Country/region code      000 (System Default)
Account active           Yes
Account expires          Never

Password last set        21/10/2024 6:03:36 pm
Password expires         02/12/2024 6:03:36 pm
Password changeable      21/10/2024 6:03:36 pm
Password required        Yes
User may change password Yes

Workstations allowed     All
Logon script
User profile
Home directory
Last logon               Never

Logon hours allowed      All

Local Group Memberships  *Users
Global Group memberships *None
The command completed successfully.
```

Task 2: Creating User Groups and Adding Users to Groups

Step 1: Create a group called "LabGroup":

Step 2: Add both users (student1 and student2) to "LabGroup":

Step 3: Verify that the users were added to the group:

```
C:\WINDOWS\system32>net localgroup LabGroup /add
The command completed successfully.

C:\WINDOWS\system32>net localgroup LabGroup student1 /add
The command completed successfully.

C:\WINDOWS\system32>net localgroup LabGroup student2 /add
The command completed successfully.

C:\WINDOWS\system32>net localgroup LabGroup
Alias name     LabGroup
Comment
Members
-----
student1
student2
The command completed successfully.
```

Task 3: Setting Folder Permissions for the Group

Step 1: Create a folder called "C:\LabFiles":

Step 2: Assign full control of the "C:\LabFiles" folder to the group "LabGroup":

Step 3: Verify that the group has the correct permissions on the folder:

```
C:\WINDOWS\system32>mkdir C:\LabFiles

C:\WINDOWS\system32>icacls "C:\LabFiles" /grant LabGroup:F
processed file: C:\LabFiles
Successfully processed 1 files; Failed processing 0 files

C:\WINDOWS\system32>icacls "C:\LabFiles"
C:\LabFiles DESKTOP-OTN9SLG\LabGroup:(F)
              BUILTIN\Administrators:(I)(OI)(CI)(F)
              NT AUTHORITY\SYSTEM:(I)(OI)(CI)(F)
              BUILTIN\Users:(I)(OI)(CI)(RX)
              NT AUTHORITY\Authenticated Users:(I)(M)
              NT AUTHORITY\Authenticated Users:(I)(OI)(CI)(IO)(M)

Successfully processed 1 files; Failed processing 0 files
```

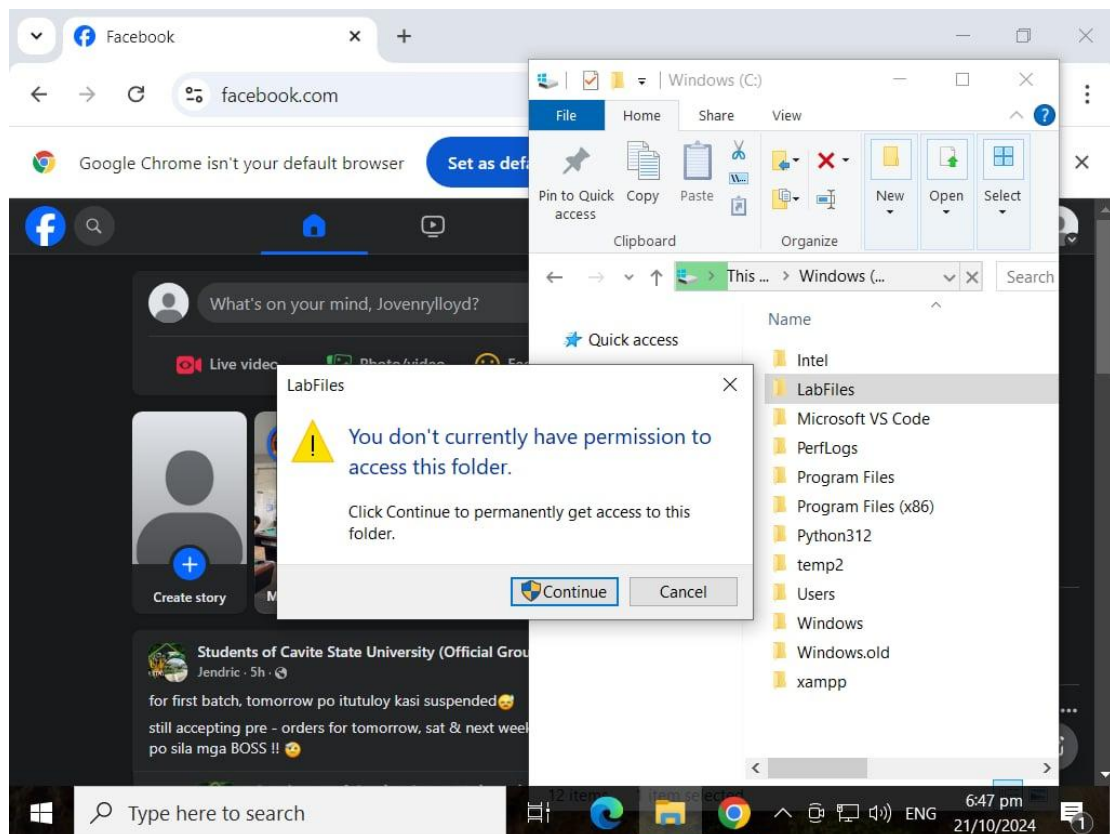
Task 4: Modifying and Testing User Permissions

Step 1: Remove write permissions for student2 on the "C:\LabFiles" folder

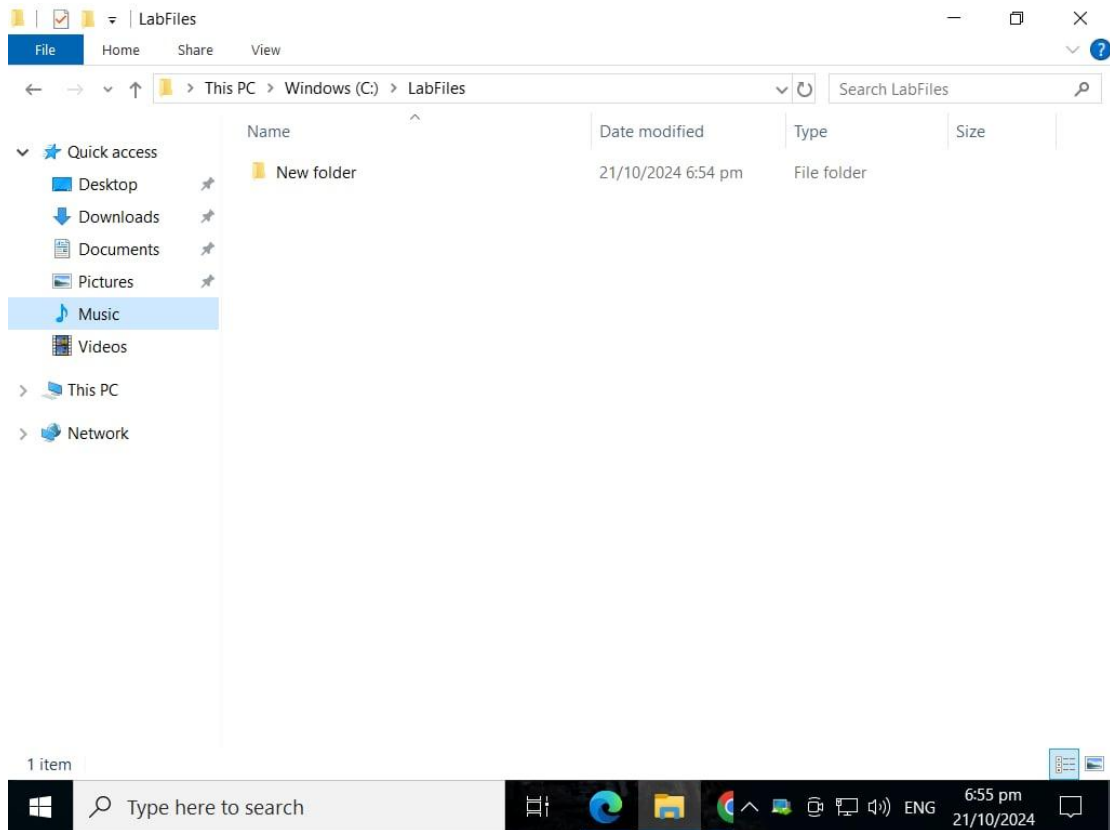
```
C:\WINDOWS\system32>icacls "C:\LabFiles" /deny student2:W  
processed file: C:\LabFiles  
Successfully processed 1 files; Failed processing 0 files
```

Step 2: Test the permissions:

Log in as student2:



Log in as student1:



Task 5: Deleting Users and Groups

Step 1: Remove the users from the group:

Step 2: Delete the users:

Step 3: Delete the group:

```
C:\WINDOWS\system32>net localgroup LabGroup student1 /delete
The command completed successfully.

C:\WINDOWS\system32>net localgroup LabGroup student2 /delete
The command completed successfully.

C:\WINDOWS\system32>net user student1 /delete
The command completed successfully.

C:\WINDOWS\system32>net user student2 /delete
The command completed successfully.

C:\WINDOWS\system32>net localgroup Labgroup /delete
The command completed successfully.
```

Relection:

In this activity I learned how to create and modify user accounts and assign users to groups. The tasks showed how important it is to control access to system resources by setting specific permissions to keep things secure. This lab helped me better understand how to manage users and how permissions affect how the system works and stays safe.