

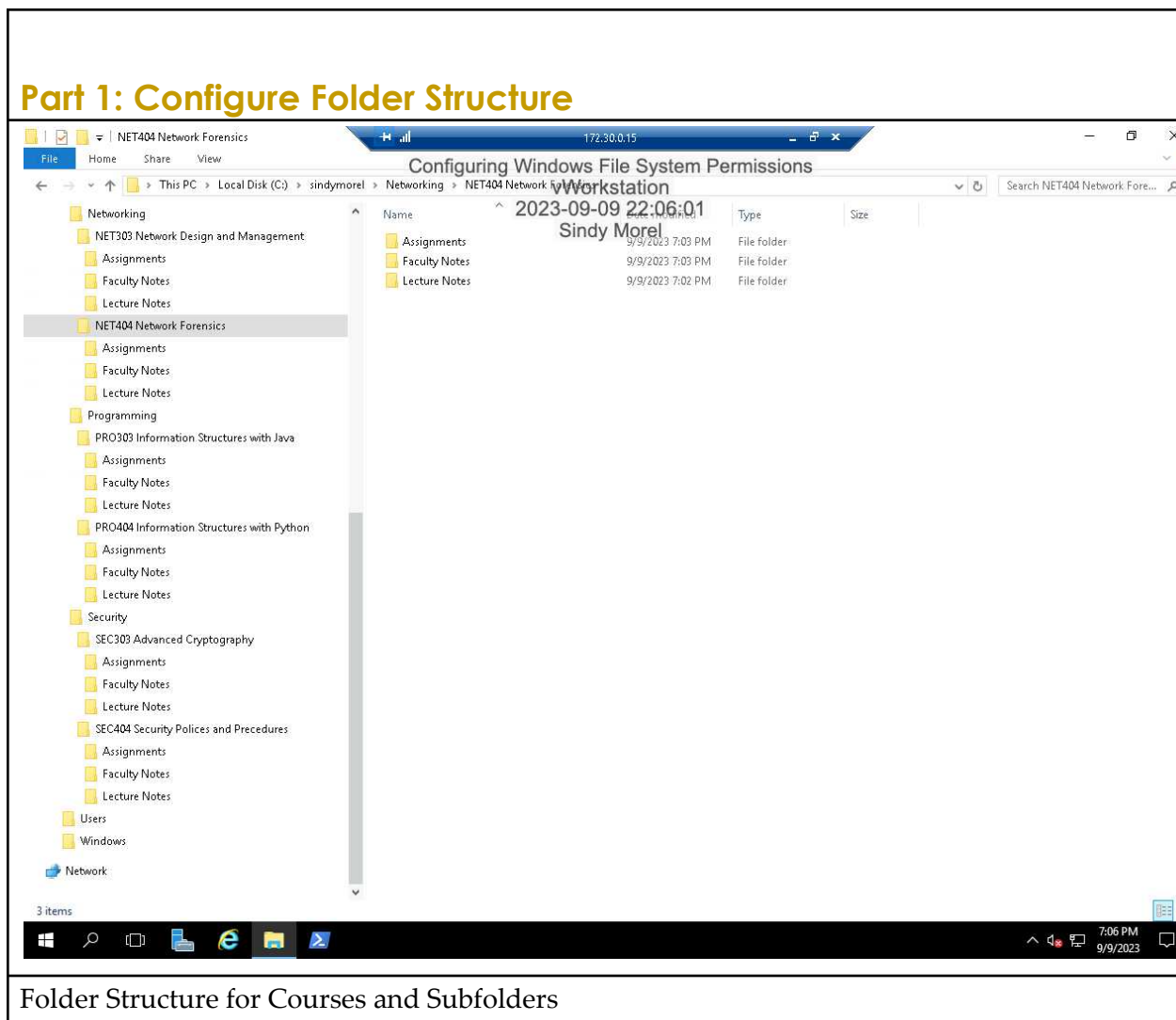
JBL LAB3: Configuring Windows File System Permissions

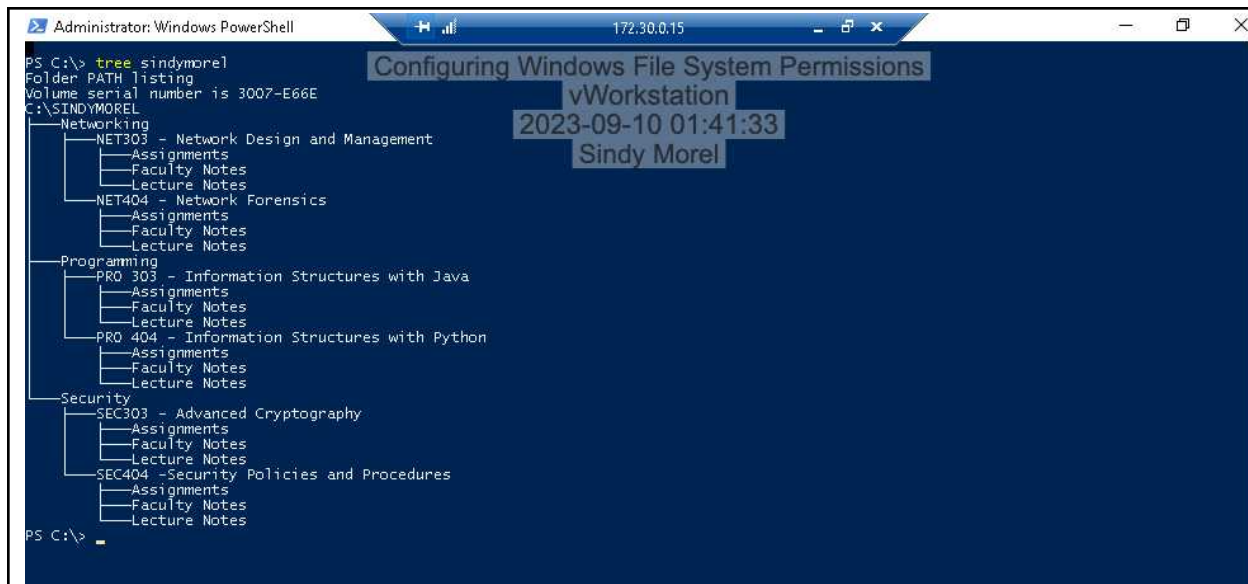
Lab #3 Applied Learning

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Part 1: Configure Folder Structure





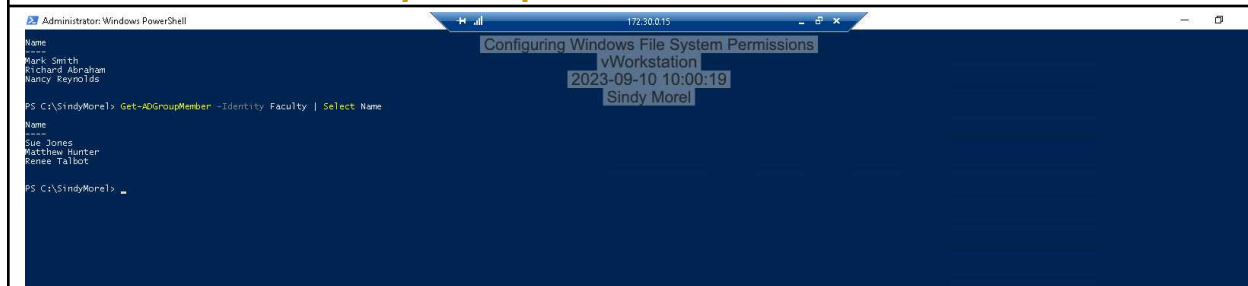
```
Administrator: Windows PowerShell
172.30.0.15

PS C:\> tree sindymorel
Folder PATH listing
Volume serial number is 3007-E66E
C:\SINDYMOREL
├── Networking
│   ├── NET303 - Network Design and Management
│   │   ├── Assignments
│   │   ├── Faculty Notes
│   │   └── Lecture Notes
│   └── NET404 - Network Forensics
│       ├── Assignments
│       ├── Faculty Notes
│       └── Lecture Notes
├── Programming
│   ├── PRO 303 - Information Structures with Java
│   │   ├── Assignments
│   │   ├── Faculty Notes
│   │   └── Lecture Notes
│   └── PRO 404 - Information Structures with Python
│       ├── Assignments
│       ├── Faculty Notes
│       └── Lecture Notes
└── Security
    ├── SEC303 - Advanced Cryptography
    │   ├── Assignments
    │   ├── Faculty Notes
    │   └── Lecture Notes
    └── SEC404 - Security Policies and Procedures
        ├── Assignments
        ├── Faculty Notes
        └── Lecture Notes

PS C:\>
```

PowerShell Display of tree List.

Part 2: Create Security Groups



```
Administrator: Windows PowerShell
172.30.0.15

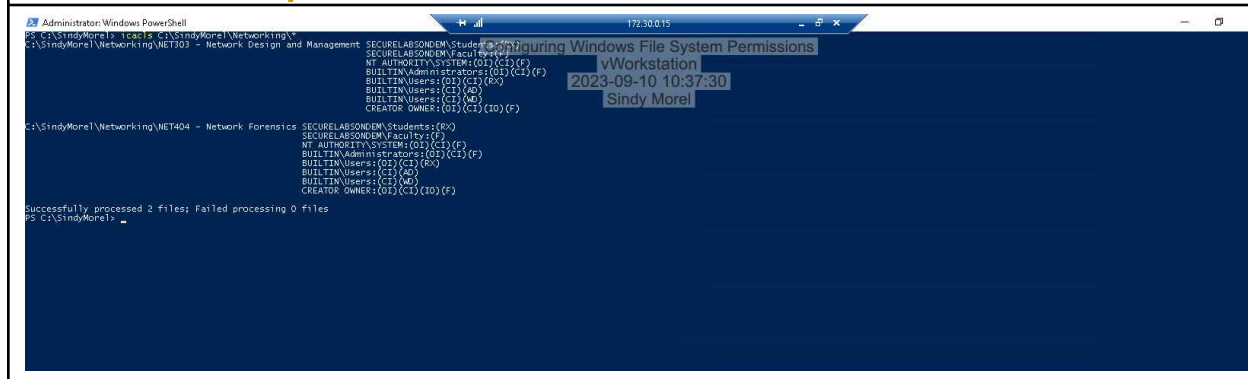
Name
----
Mark Smith
Richard Abraham
Nancy Reynolds

PS C:\SindyMorel> Get-ADGroupMember -Identity Faculty | Select Name
Name
----
Sue Jones
Matthew Hunter
Renée Talbot

PS C:\SindyMorel>
```

List of Students and Faculty security group

Part3: Set Group Permissions on Folders

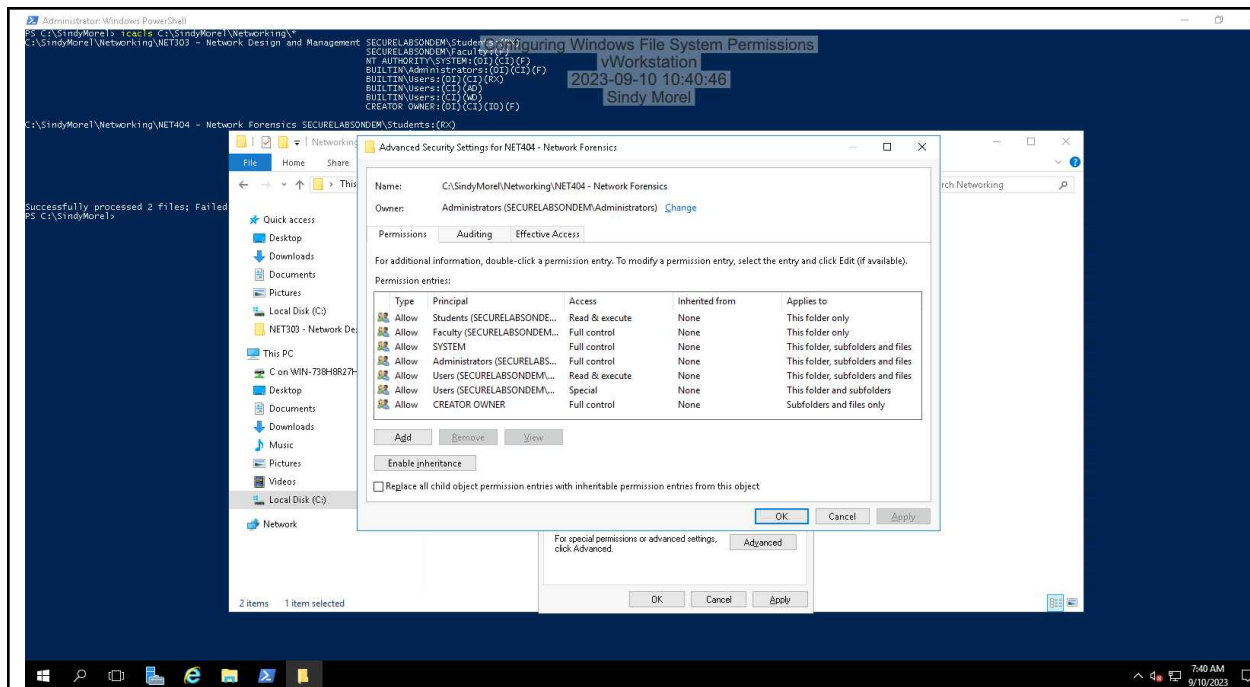


```
Administrator: Windows PowerShell
172.30.0.15

PS C:\SindyMorel> icacls C:\SindyMorel\Networking\Y
C:\SindyMorel\Networking\NET303 - Network Design and Management SECURITYLABSONDYM\Students:(RX)
SECURITYLABSONDYM\Faculty:(F)
NT AUTHORITY\SYSTEM:(OI)(CI)(F)
BUILTIN\Administrators:(OI)(CI)(F)
BUILTIN\Users:(OI)(CI)(RX)
BUILTIN\Users:(CI)(AO)
BUILTIN\Users:(CI)(AO)
CREATOR OWNER:(OI)(CI)(IO)(F)

C:\SindyMorel\Networking\NET404 - Network Forensics SECURITYLABSONDYM\Students:(RX)
SECURITYLABSONDYM\Faculty:(F)
NT AUTHORITY\SYSTEM:(OI)(CI)(F)
BUILTIN\Administrators:(OI)(CI)(F)
BUILTIN\Users:(OI)(CI)(RX)
BUILTIN\Users:(CI)(AO)
BUILTIN\Users:(CI)(AO)
CREATOR OWNER:(OI)(CI)(IO)(F)

Successfully processed 2 files; Failed processing 0 files
PS C:\SindyMorel>
```



Network Department Permissions.