



Student Name: Hemant Sharma

UID:20BCS3600

Branch: CSE (Information Security)

Section/Group: 20BIS1-B

Semester: 5th

Date of Performance: 15.08.2022

Subject Name: Network Defense Essentials Lab

Subject Code: 20CSB-331

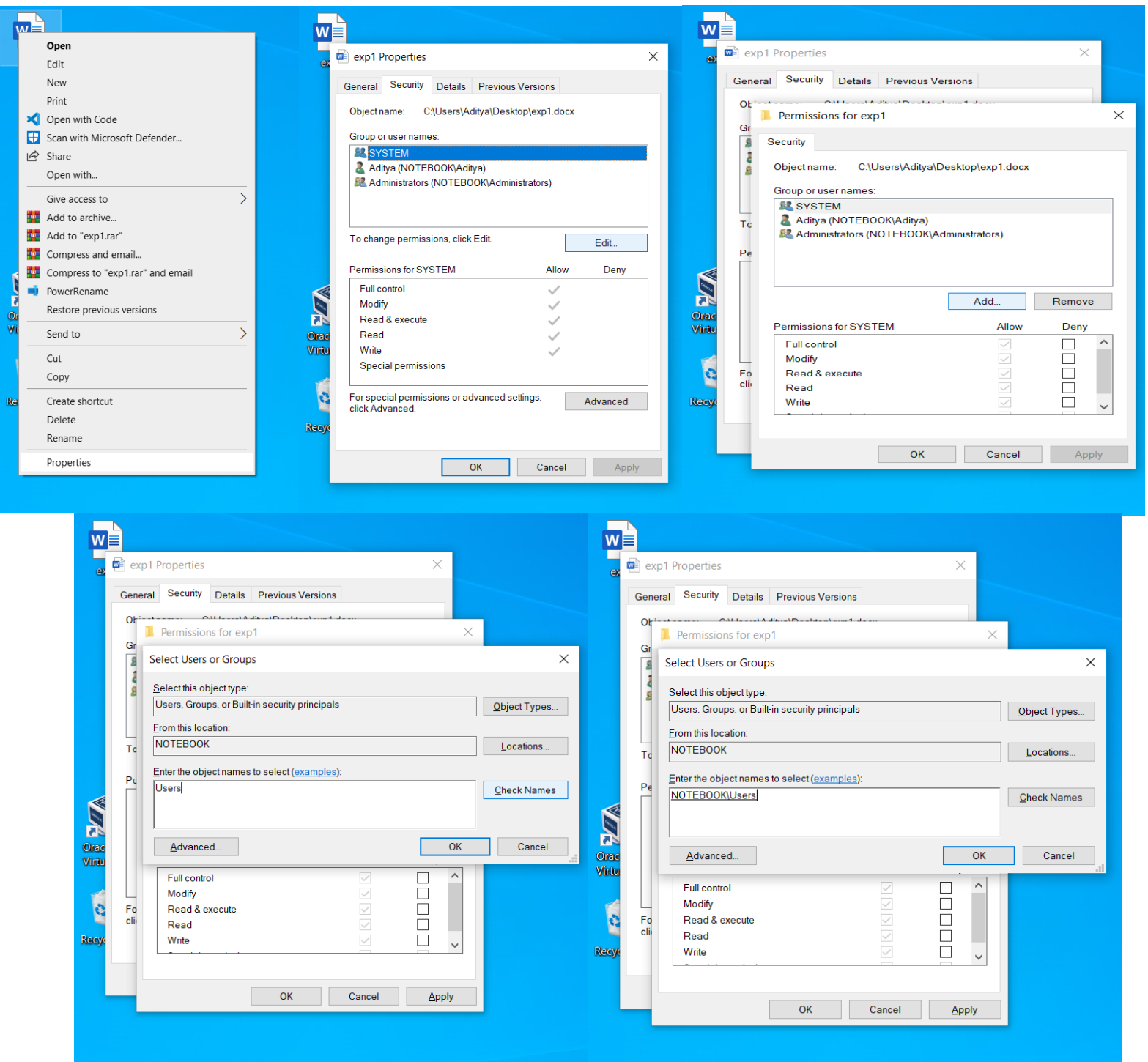
1. Aim/Overview of the practical:

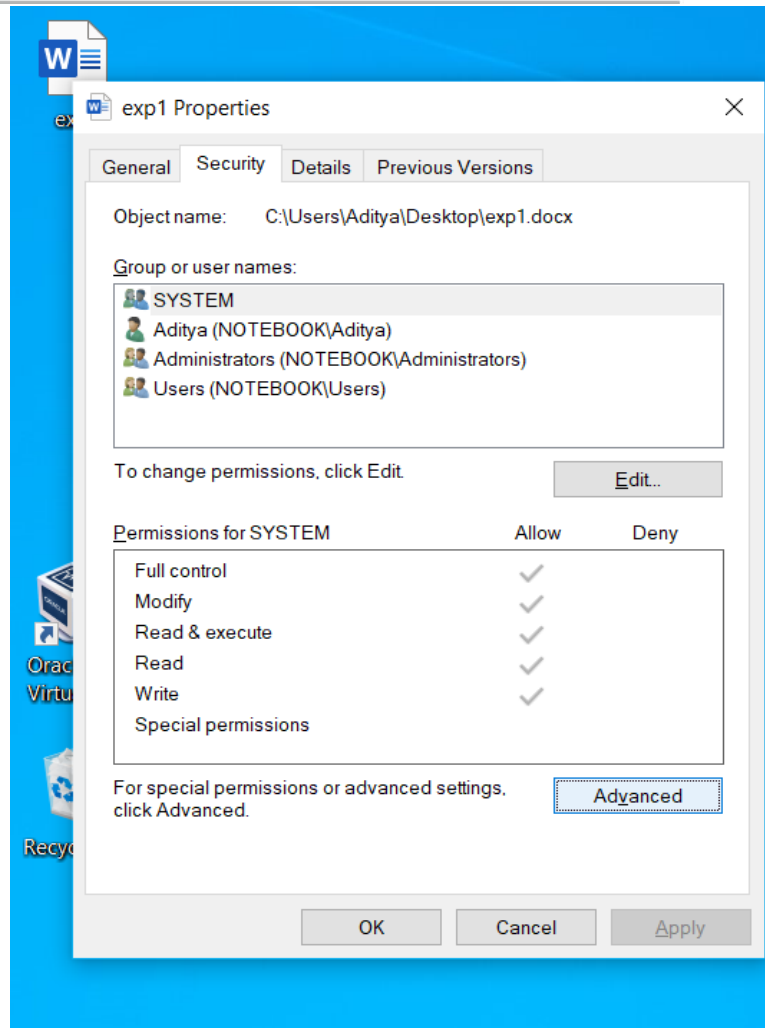
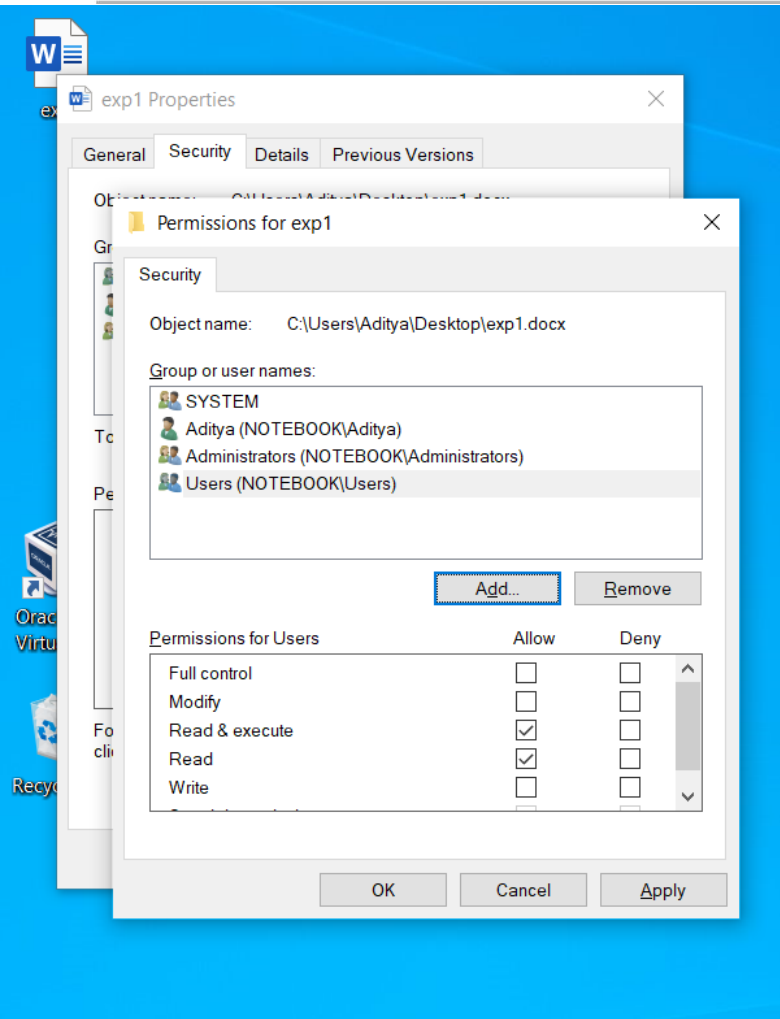
WS1	Implementing Access Controls in Windows Machine and Managing Access Controls in linux machine.
------------	--

2. Steps for experiment:

- Right click on the file in which we want to implement access control.
- Go to properties then go to the security tab.
- Under Group or user names menu , click on edit then click on add.
- Type users in object name and click on check names.
- Click on ok, then user will be created with the name Users, click on apply.
- Click on advance then select the user, click on edit, select the permissions
- Click on ok then click on apply to apply the settings and click on yes to accept the changes.
- Open the file, settings will be displayed.

4. Screenshots:







The image shows a Windows desktop with a blue background. Two overlapping windows are visible. The background window is the 'exp1 Properties' dialog, with the 'Security' tab selected. It shows the object name 'C:\Users\Aditya\Desktop\exp1.docx' and a list of group or user names: SYSTEM, Aditya (NOTEBOOK\Aditya), Administrators (NOTEBOOK\Administrators), and Users (NOTEBOOK\Users). The 'Permissions for SYSTEM' section shows a list of permissions with checkboxes: Full control, Modify, Read & execute, Read, Write, and Special permissions. The 'Advanced Security Settings for exp1' window is in the foreground. It shows the name 'C:\Users\Aditya\Desktop\exp1.docx' and the owner 'Aditya (NOTEBOOK\Aditya)'. The 'Permissions' tab is selected, showing a table of permission entries. The table has columns for Type, Principal, Access, and Inherited from. The entries are: Allow, Users (NOTEBOOK\Users), Read & execute, None; Allow, SYSTEM, Full control, C:\Users\Aditya\; Allow, Administrators (NOTEBOOK\Administrators), Full control, C:\Users\Aditya\; and Allow, Aditya (NOTEBOOK\Aditya), Full control, C:\Users\Aditya\.

Type	Principal	Access	Inherited from
Allow	Users (NOTEBOOK\Users)	Read & execute	None
Allow	SYSTEM	Full control	C:\Users\Aditya\
Allow	Administrators (NOTEBOOK\Administrators)	Full control	C:\Users\Aditya\
Allow	Aditya (NOTEBOOK\Aditya)	Full control	C:\Users\Aditya\

The 'Permission Entry for exp1' window is also visible, showing the 'Principal' as 'Users (NOTEBOOK\Users)' and the 'Type' as 'Allow'. The 'Basic permissions' section shows checkboxes for Full control, Modify, Read & execute, Read, Write, and Special permissions, all of which are checked. A 'Show advanced permissions' link is visible on the right.

