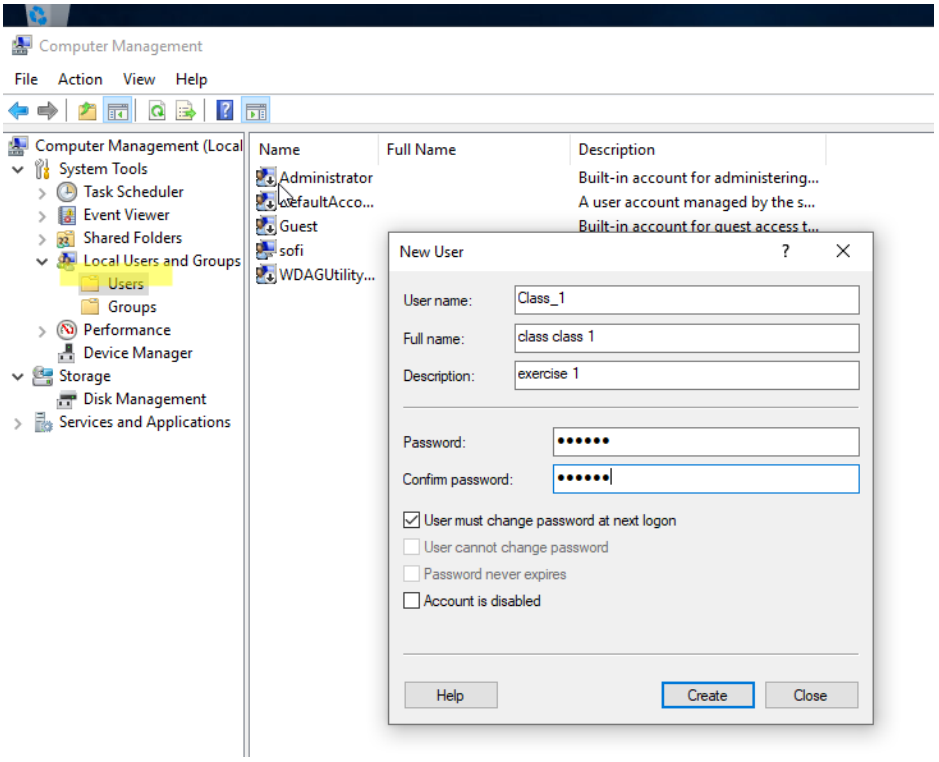
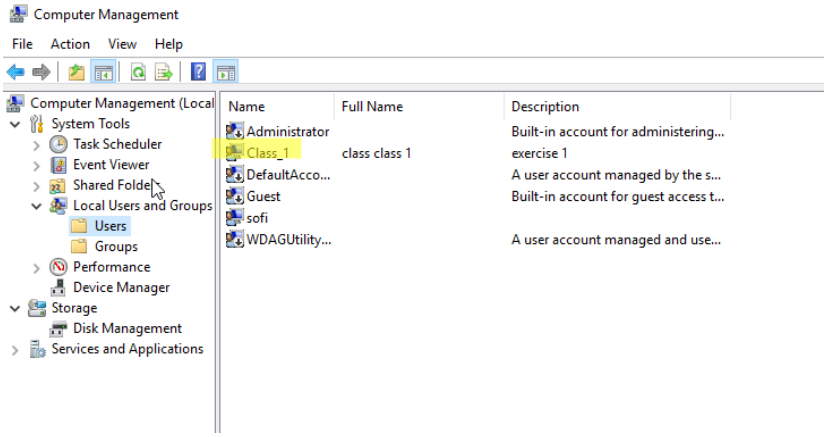
EXERCISES: Users, groups and local policies

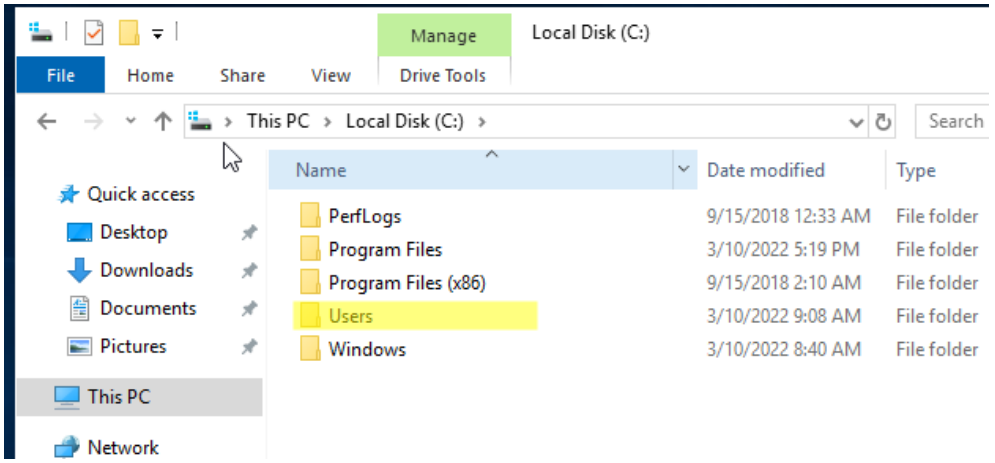
1. Add a new standard user named “Class_1” including the description and full name. The user must change the password at the next logon.

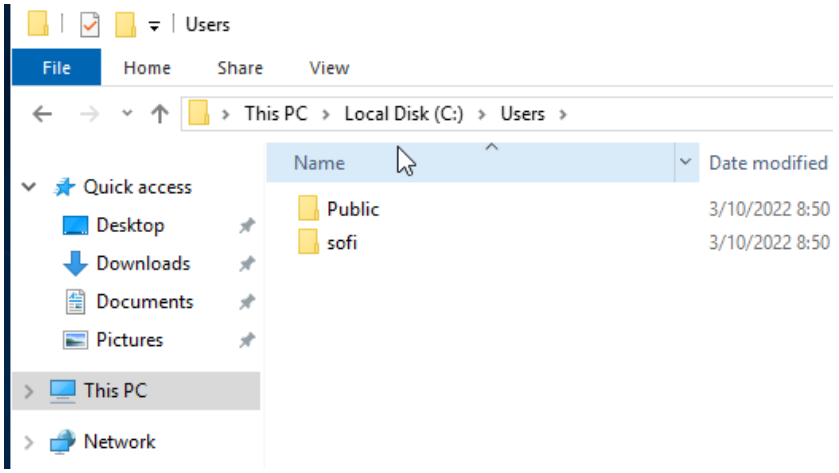
Computer management



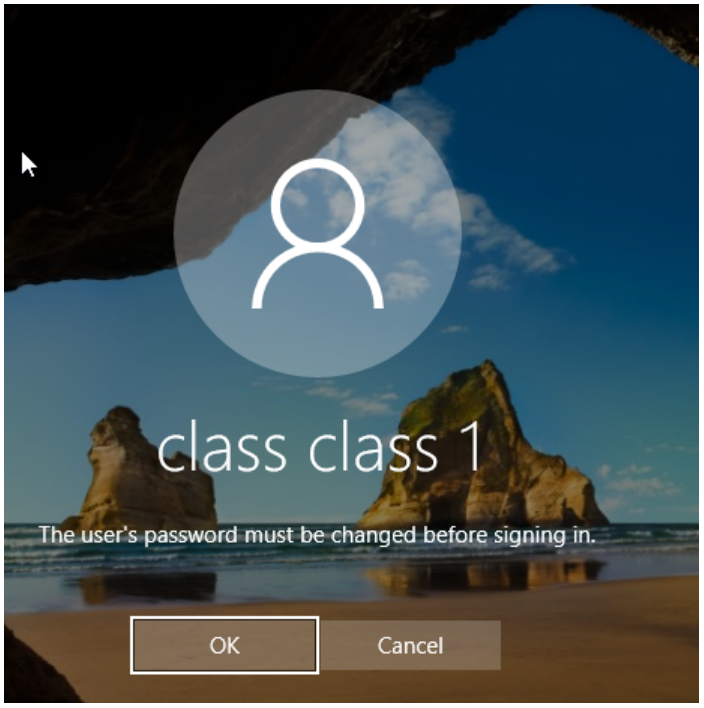


2. Complete the following parts about the user “Class_1" from the previous exercise.
   - Verify if the profile folder exists. **NO PROFILE FOLDER, THAT'S FOR SAVING SPACE IN THE DISK, WE NEED TO LOG TO EXIST THE FOLDER, WE GO TO USER IN THE DISK WINDOWS LOCAL DISK→USERS**

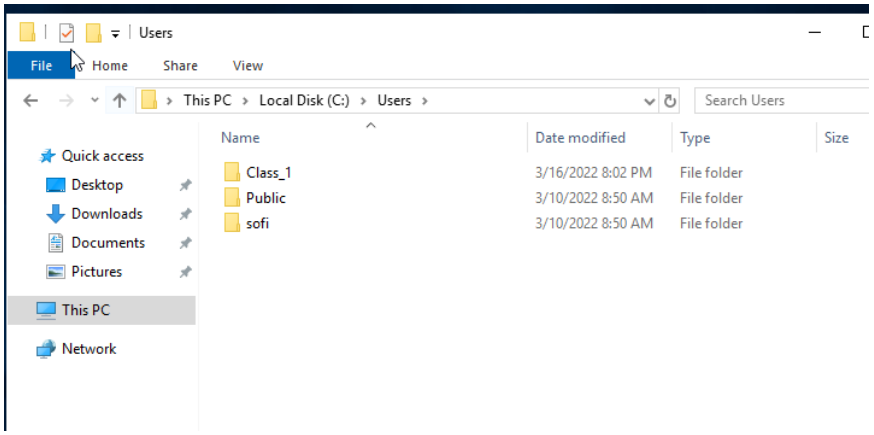




• Log in as “Class_1”.

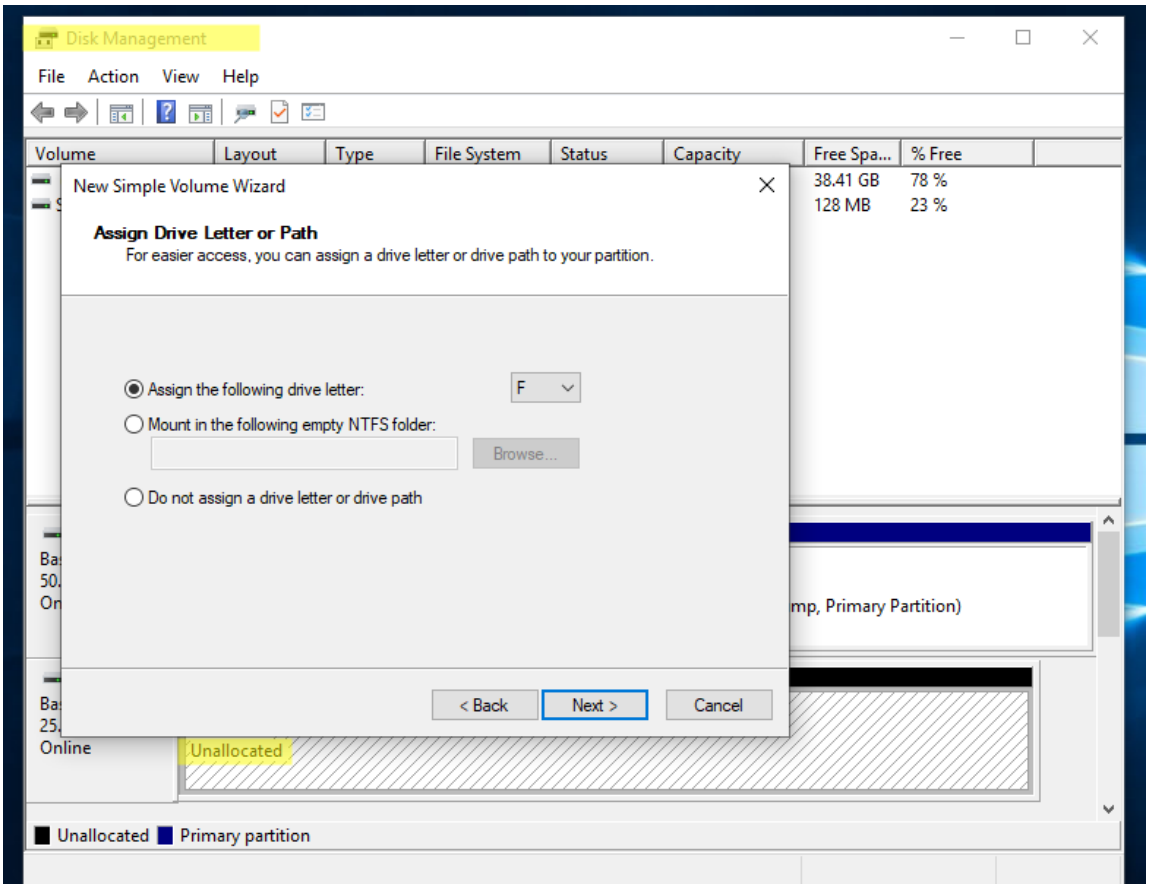


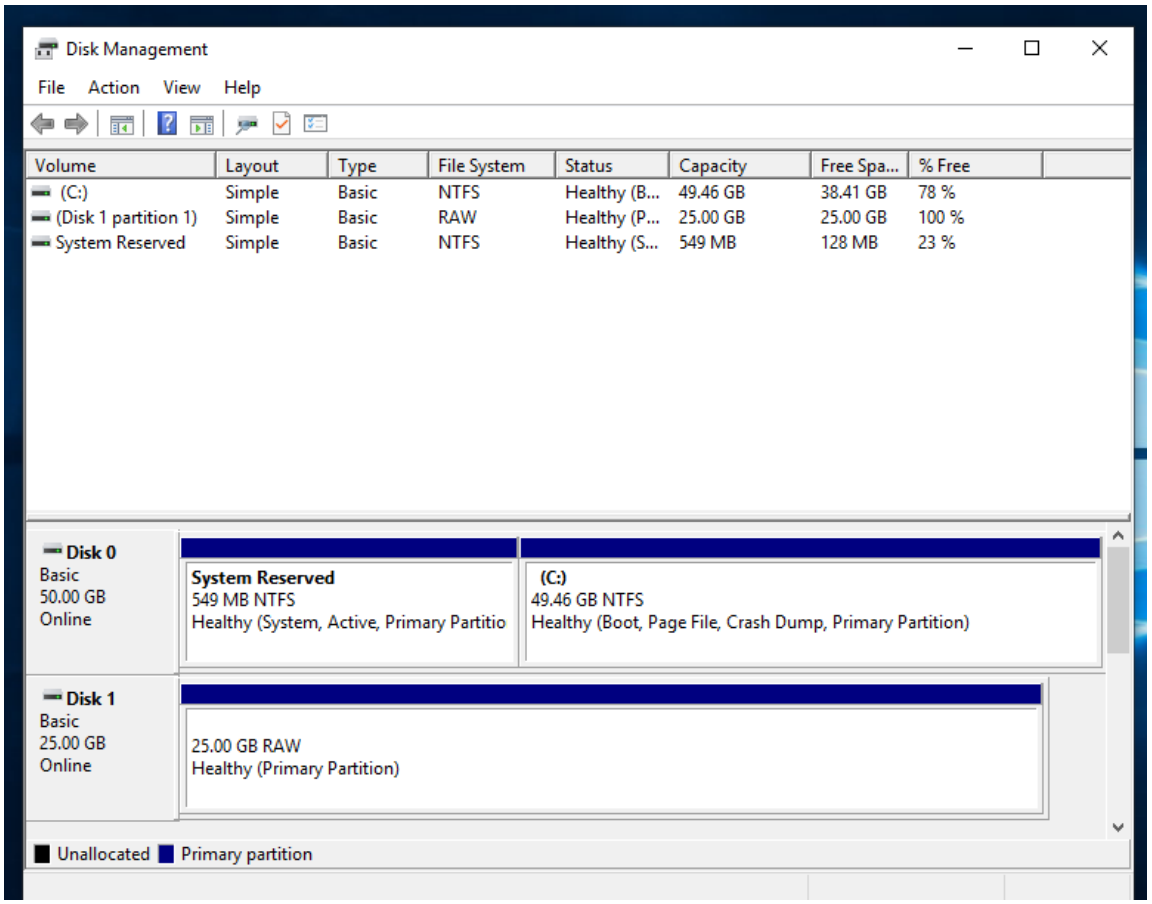
• Verify if the profile folder now exists.



• Add a second hard drive to the virtual machine and create a folder called "My Documents" in F:\ **NEW LOCATION WE NEED TO FORMAT THE DISK FROM THE USER SOFI BECAUSE THE CLASS_1 DOESN'T HAVE PERMISSION**

DISK MANAGEMENT→ NEW VOLUME

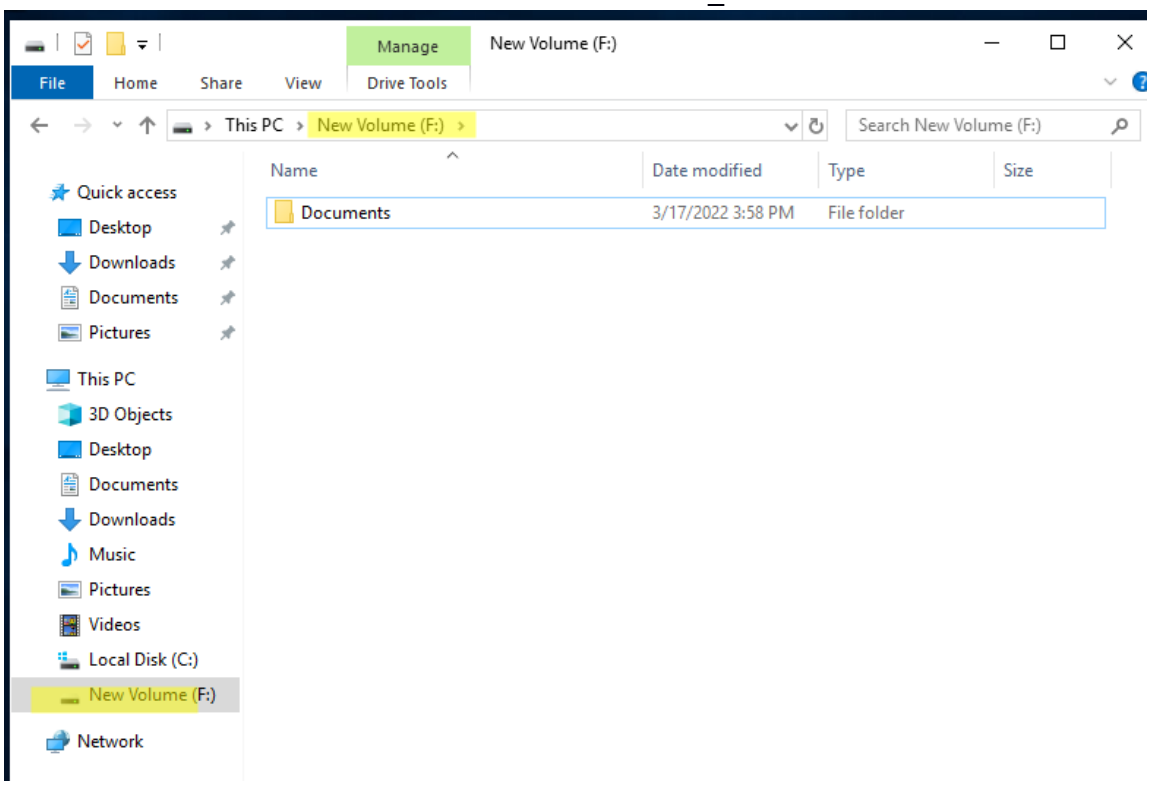


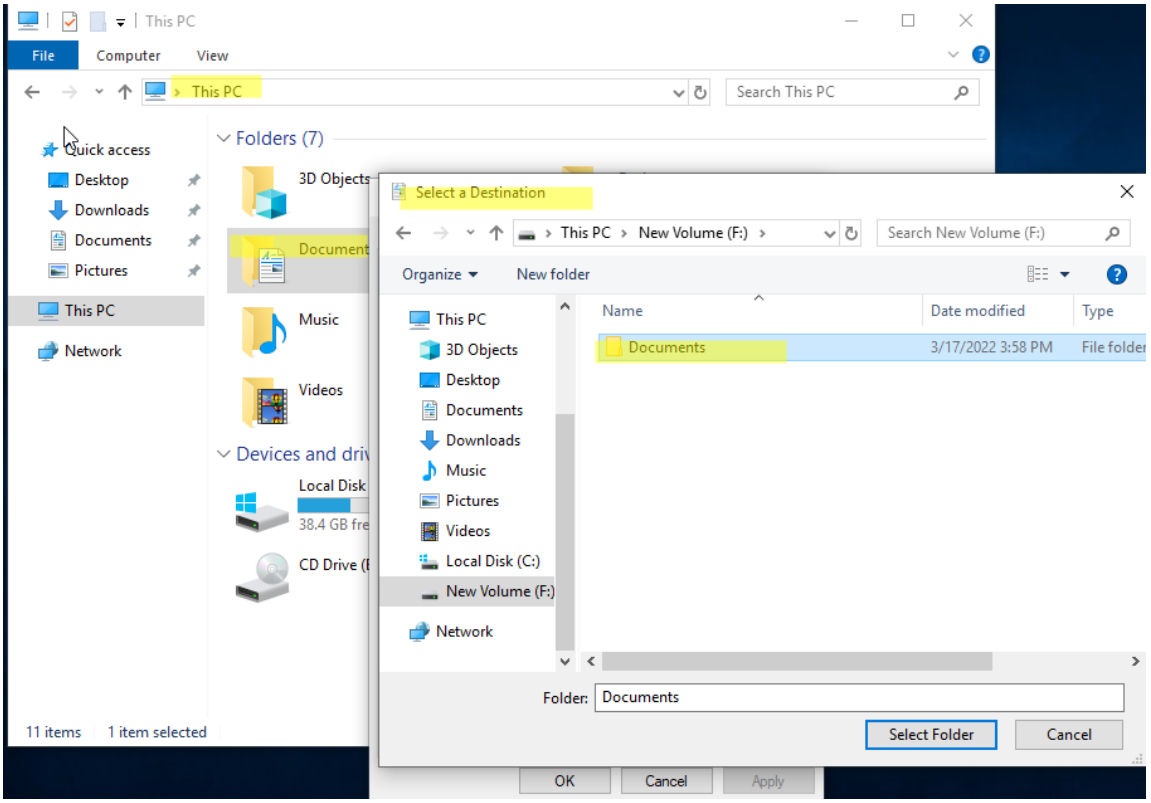


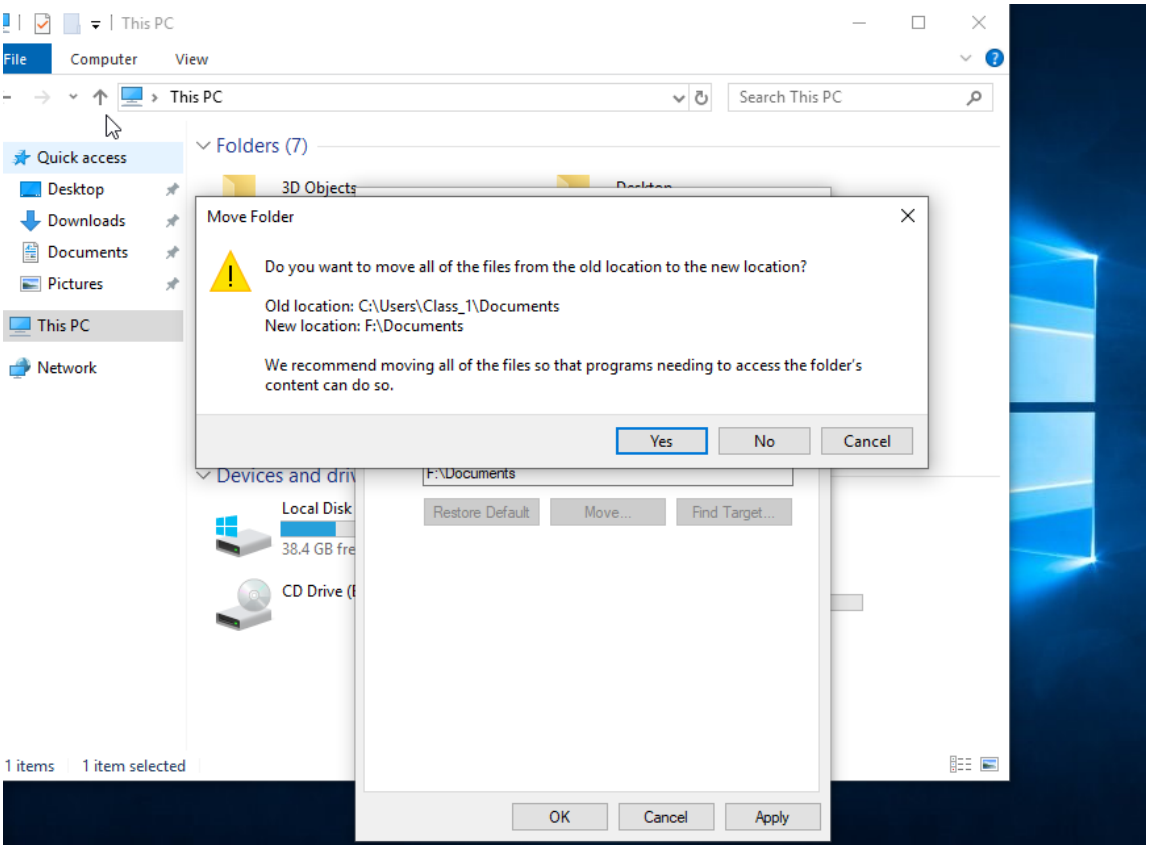
• Move “Class_1” Documents folder to the directory you have just created.

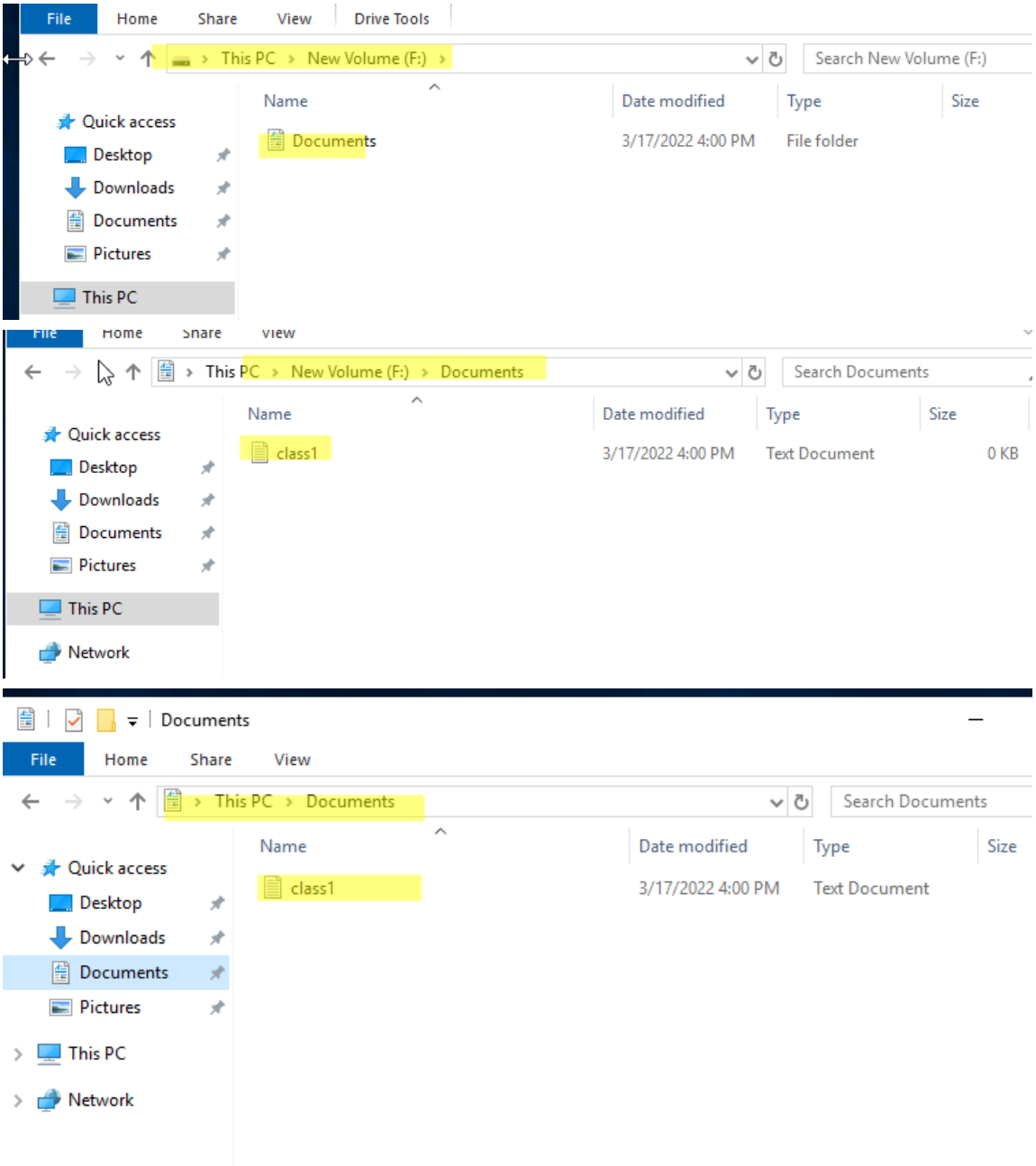
• Open “Documents” shortcut and create a new folder. Check if this folder has actually been created in “F:\My Documents”.

CREATE THE FOLDER DOCUMENT IN THE DISK F, THEN WE MOVE THE DOCUMENT FILE FROM THE class_1 TO DISK F

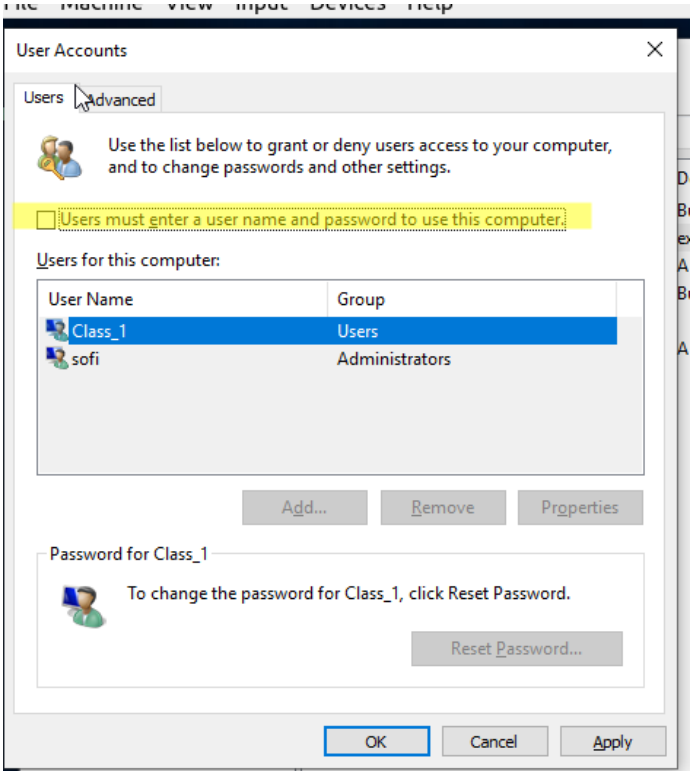


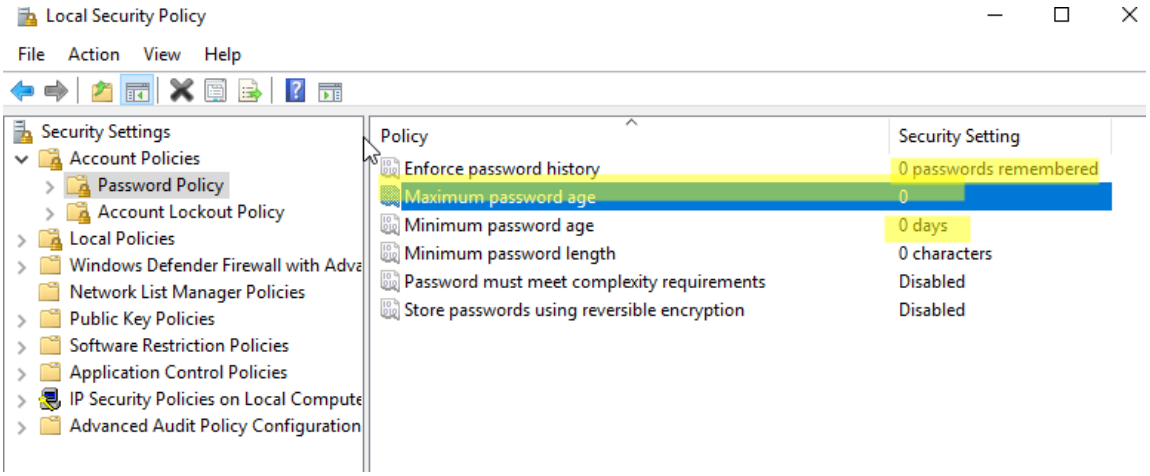

This PC
File
Computer
View
This PC
Search This PC
Quick access
Desktop
Downloads
Documents
Pictures
This PC
Network
Folders (7)
3D Objects
Music
Videos
Devices and dri
Local Disk
38.4 GB fre
CD Drive (
11 items
1 item selected
Select a Destination
This PC › New Volume (F:) ›
Search New Volume (F:)
Organize
New folder
Name
Date modified
Type
Documents
3/17/2022 3:58 PM
File folder
Local Disk (C:)
New Volume (F:)
Folder:
Documents
Select Folder
Cancel
OK
Cancel
Apply

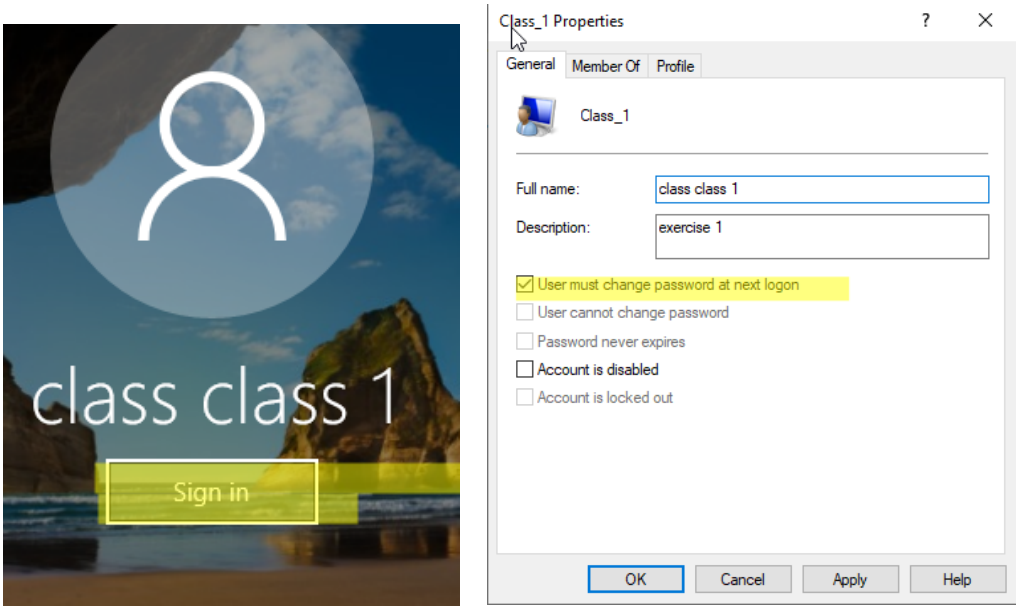

This PC
File
Computer
View
This PC
Search This PC
Quick access
Desktop
Downloads
Documents
Pictures
This PC
Network
Folders (7)
3D Objects
Move Folder
Do you want to move all of the files from the old location to the new location?
Old location: C:\Users\Class_1\Documents
New location: F:\Documents
We recommend moving all of the files so that programs needing to access the folder's content can do so.
Yes
No
Cancel
Devices and dri
Local Disk
38.4 GB fre
CD Drive (
F:\Documents
Restore Default
Move...
Find Target...
OK
Cancel
Apply
1 items
1 item selected


File
Home
Share
View
Drive Tools
This PC › New Volume (F:) ›
Search New Volume (F:)
Quick access
Desktop
Downloads
Documents
Pictures
This PC
Name
Date modified
Type
Size
Documents
3/17/2022 4:00 PM
File folder
This PC › New Volume (F:) › Documents
Search Documents
Network
class1
3/17/2022 4:00 PM
Text Document
0 KB
Documents
This PC › Documents
class1
3/17/2022 4:00 PM
Text Document

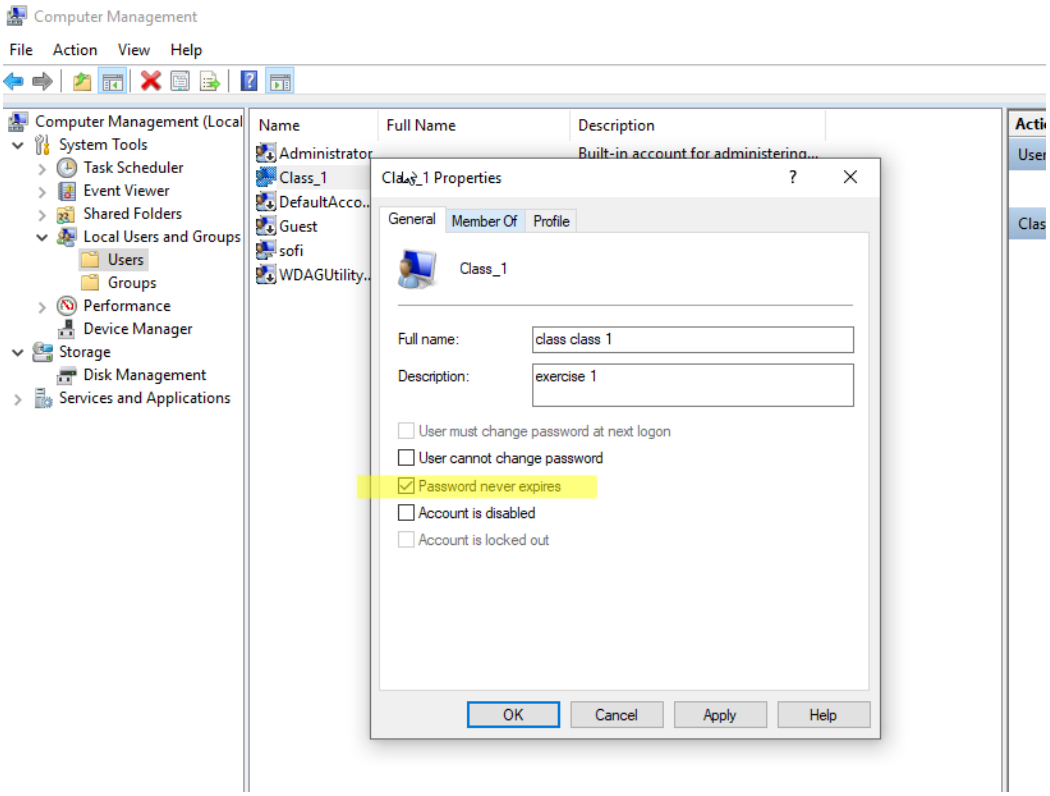
3. How do you configure a user to log in without a password and automatically when turning the computer on? **“netplwiz”**

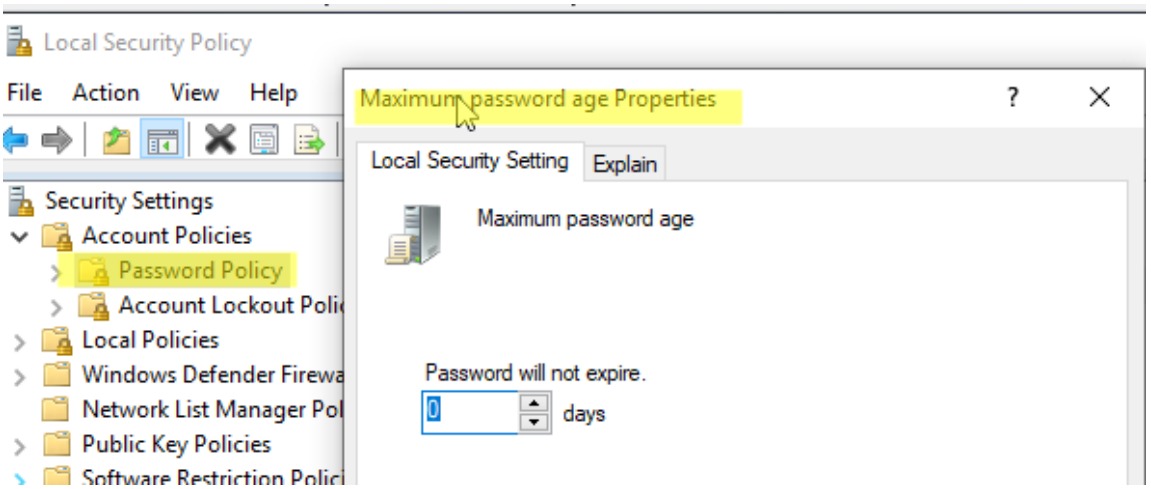






4. How do you configure a specific user so that the password never expires? How can you configure this policy for everyone?



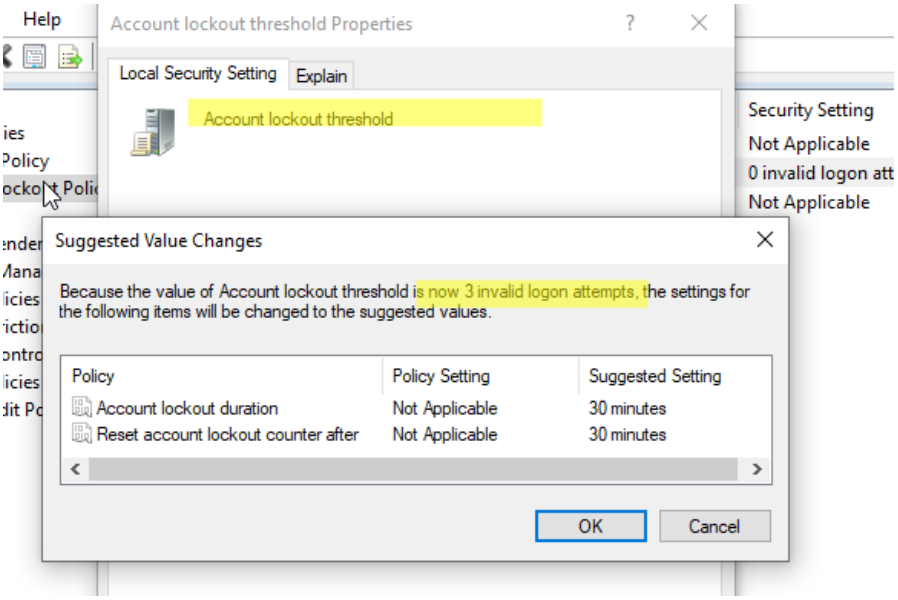


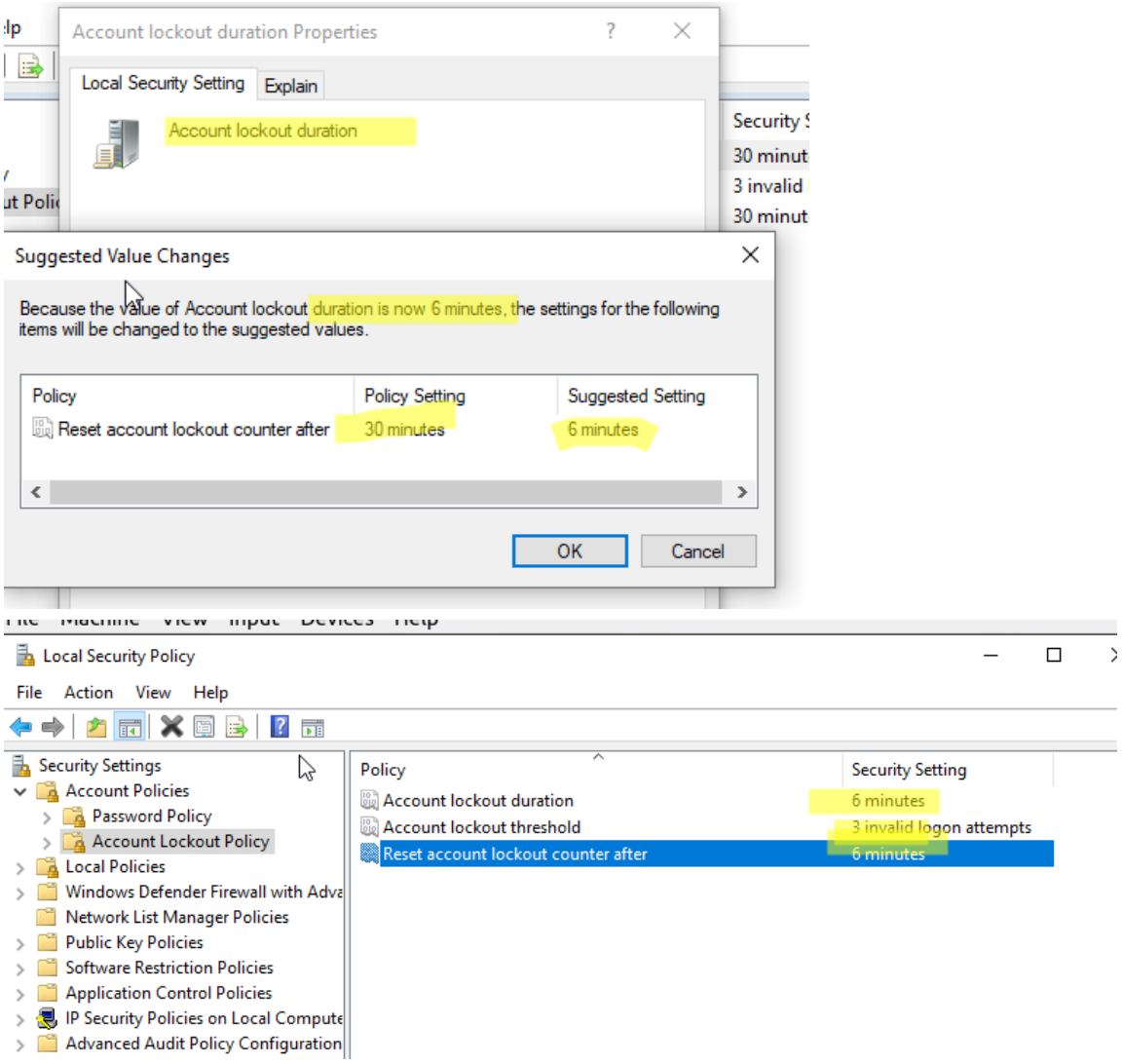
5. When can you use a locked account?

When the user is locked and needs to be unlocked.

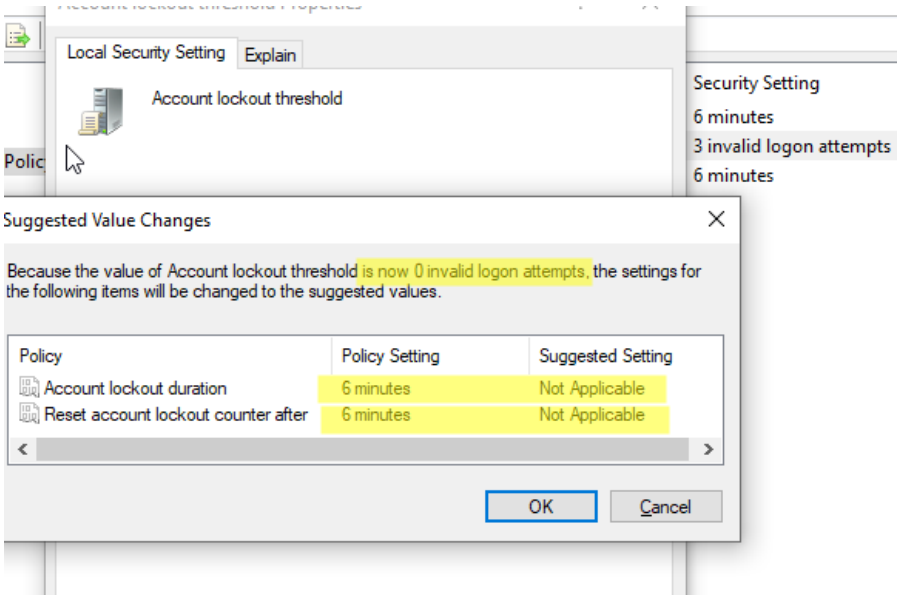
6. Imagine you define an "Account lockout threshold" of 3 and "Account lockout duration" of 5. What would be the valid values of "Reset account lockout counter after"? What if "Account lockout threshold" value were 0?

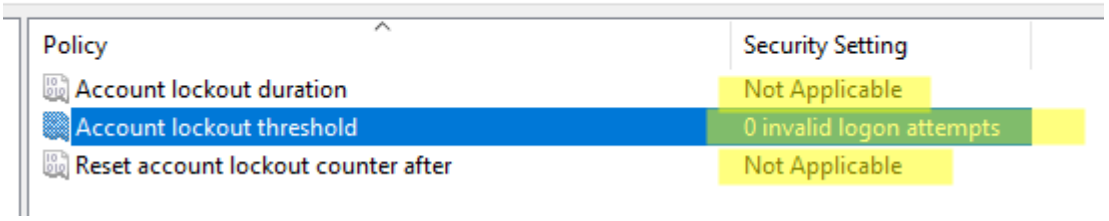
Reset account lockout counter after must be less or equal to "Account lockout duration".



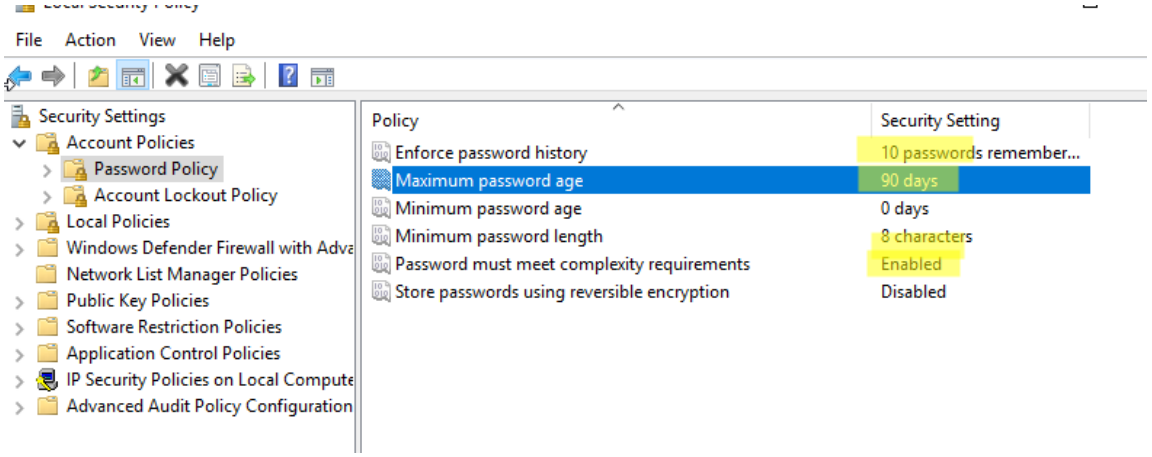


If "Account lockout threshold" were 0, you would not be able to set the other policies, as you cannot lock a password.



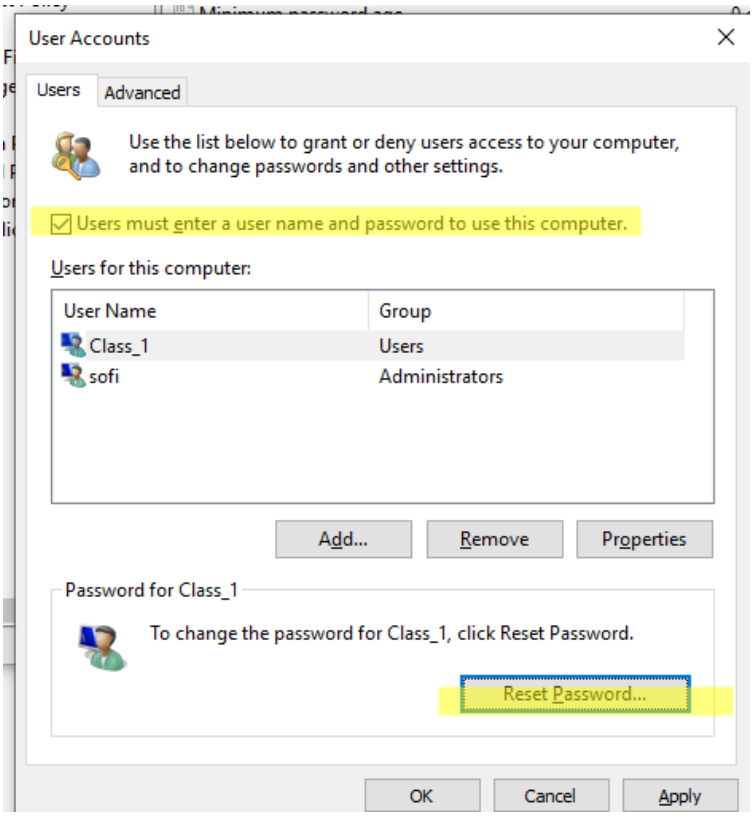


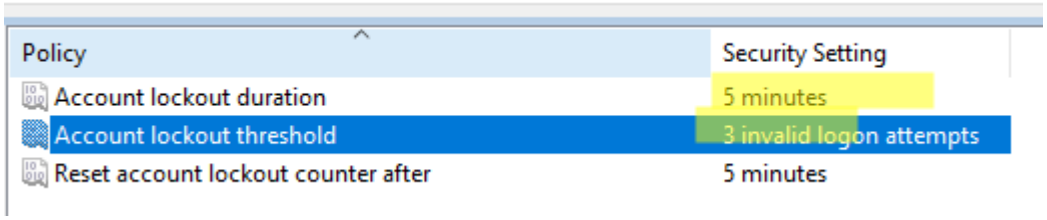
7. Configure the system according to the following criteria:
   - All the passwords must have at least 8 characters.
   - All the passwords must contain uppercase, lowercase, numbers and non alphanumeric characters.
   - The system stores the last 10 passwords for each user.
   - All the passwords expire after 3 months.



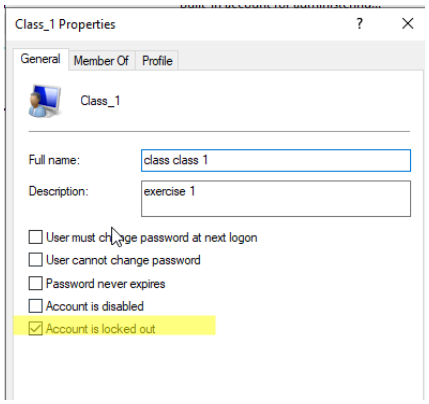
8. Configure the user “Class_1” to be locked after 3 invalid logon attempts. If the user is locked out, it will be able to type the password again in 5 minutes. Complete the following steps:
   - Lock the user.
   - Unlock the user as administrator and check if the user is able to log in. • Lock the user again.
   - Wait for 5 minutes.
   - Type the right password and check if the user is able to log in.

   Before in exercise 3 we took off the password of the user class_1, so to do this exercise i need to give the user a password, in this case you can type “netplwiz” to open a utility in which you can unset the following property.

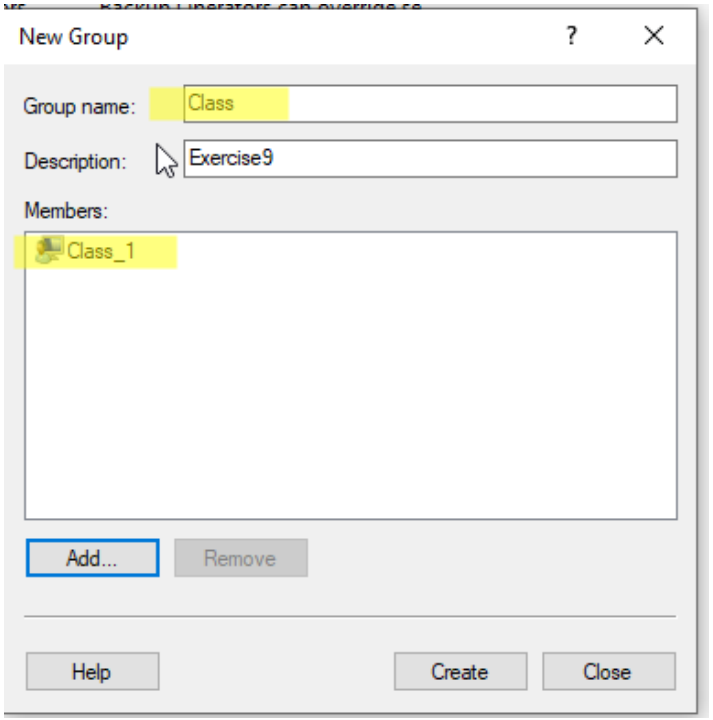

User Accounts
Users
Advanced
Use the list below to grant or deny users access to your computer, and to change passwords and other settings.
Users must enter a user name and password to use this computer.
Users for this computer:
User Name
Group
Class_1
Users
sofi
Administrators
Add...
Remove
Properties
Password for Class_1
To change the password for Class_1, click Reset Password.
Reset Password...
OK
Cancel
Apply

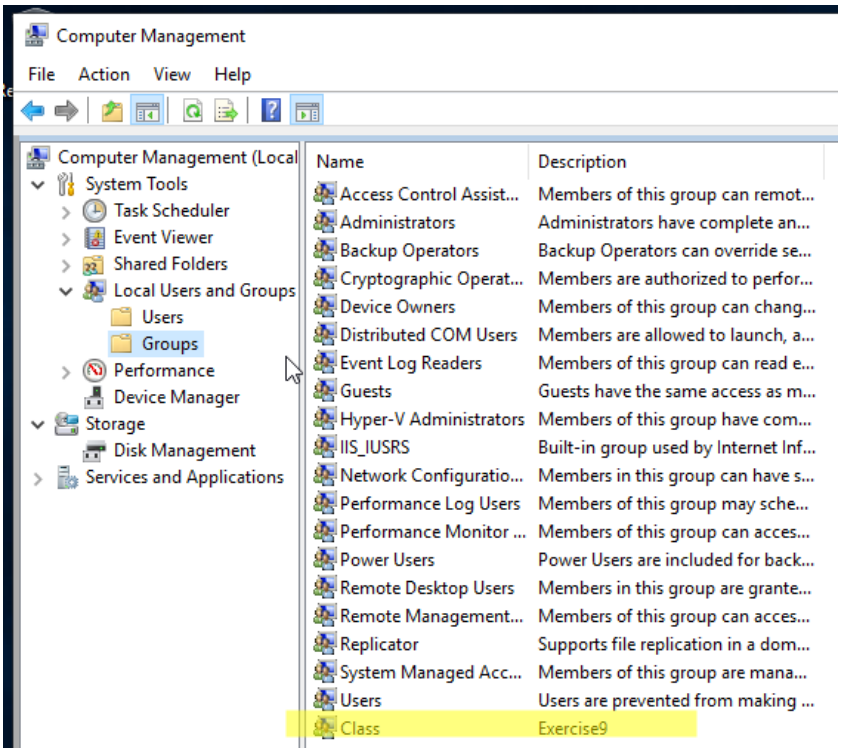

Policy
Security Setting
Account lockout duration
5 minutes
Account lockout threshold
3 invalid logon attempts
Reset account lockout counter after
5 minutes

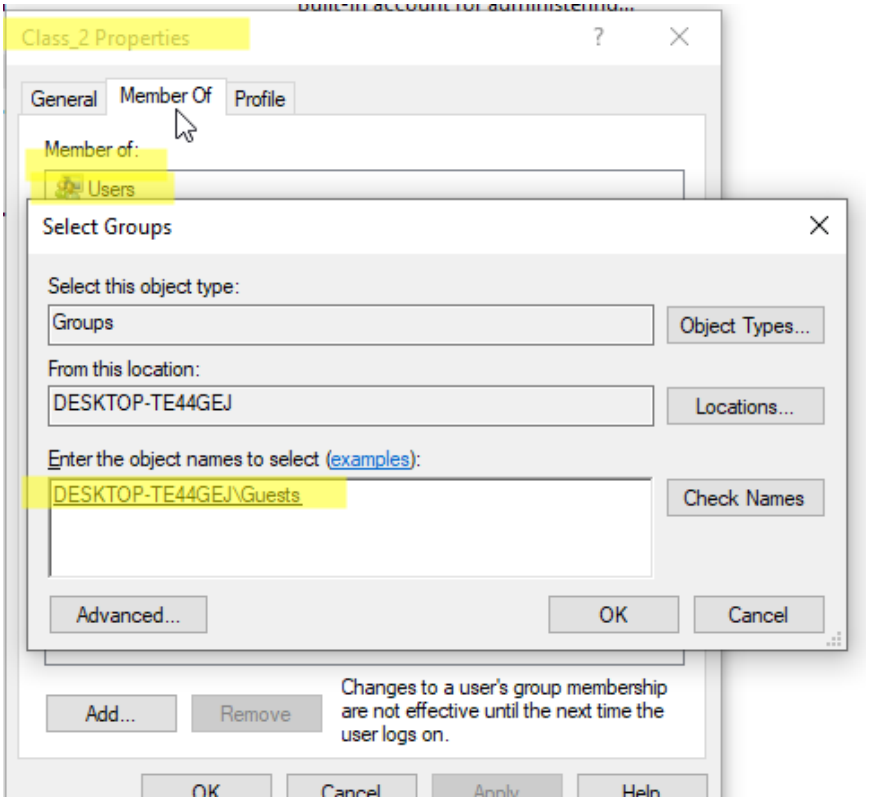

class class 1
The referenced account is currently locked out and may not be logged on to.

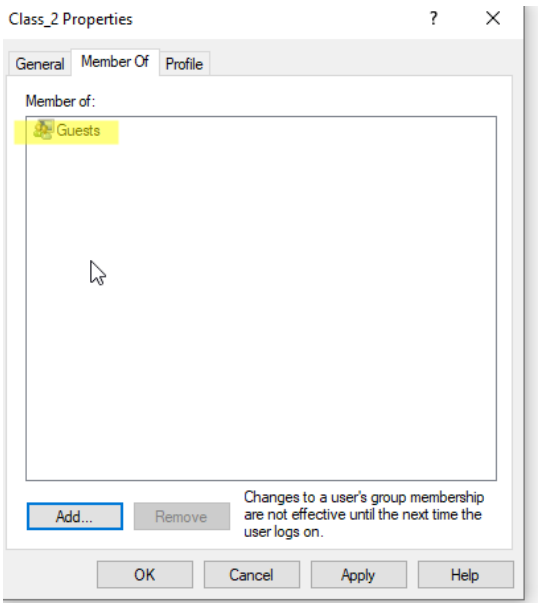

Class_1 Properties
General
Member Of
Profile
Class_1
Full name:
class class 1
Description:
exercise 1
User must change password at next logon
User cannot change password
Password never expires
Account is disabled
Account is locked out

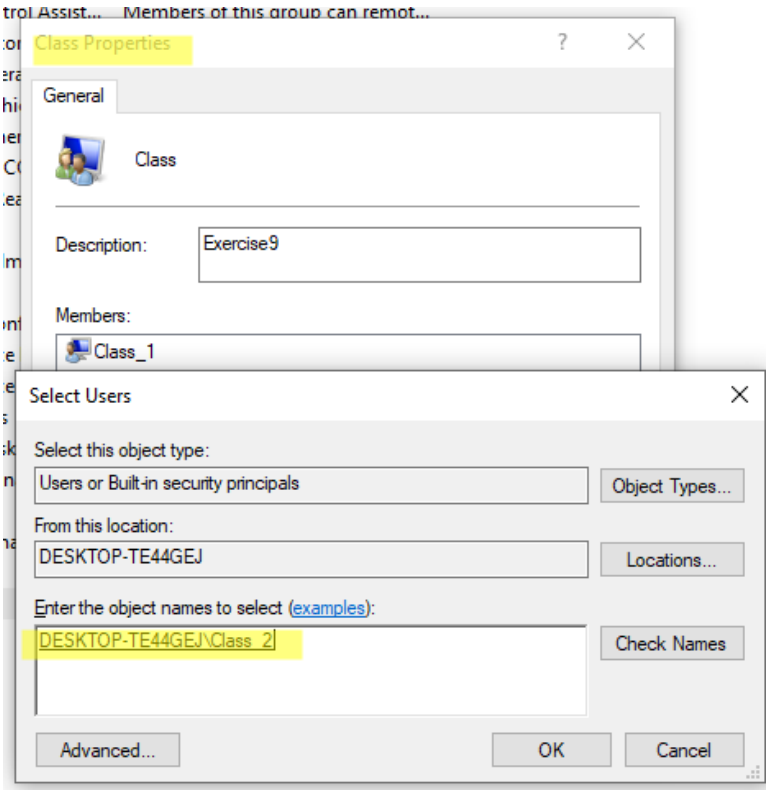
9. Add a new group name “Class” and complete the following:
   - Add the user “Class_1” to the group “Class”.
   - Create a guest user called “Class_2”, initially disabled that cannot change the password. Then, add the user to “Class”.






Class_2 Properties
General
Member Of
Profile
Member of:
Users
Select Groups
Select this object type:
Groups
Object Types...
From this location:
DESKTOP-TE44GEJ
Locations...
Enter the object names to select (examples):
DESKTOP-TE44GEJ\Guests
Check Names
Advanced...
OK
Cancel
Add...
Remove
Changes to a user's group membership are not effective until the next time the user logs on.
OK
Cancel
Apply
Help


Class_2 Properties
General
Member Of
Profile
Member of:
Guests
Add...
Remove
Changes to a user's group membership are not effective until the next time the user logs on.
OK
Cancel
Apply
Help

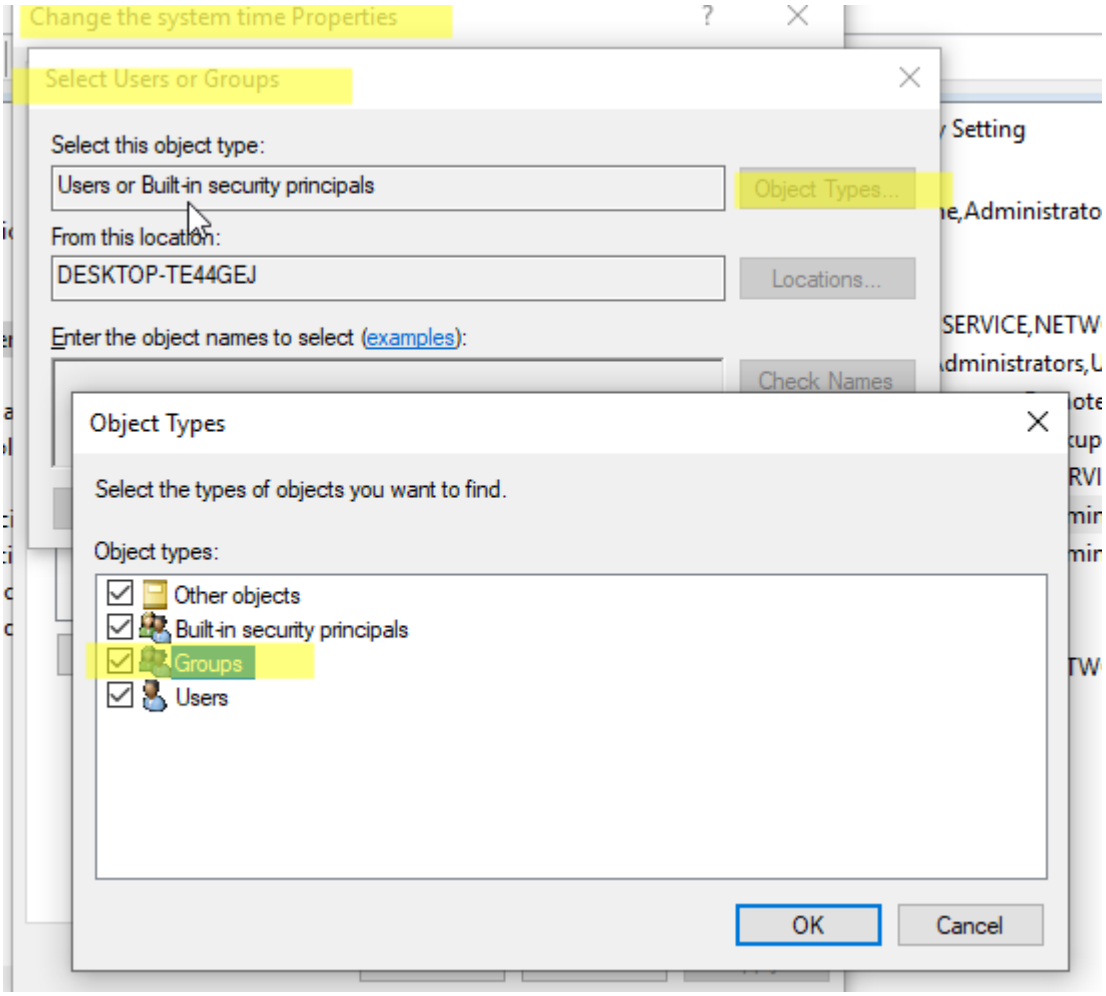


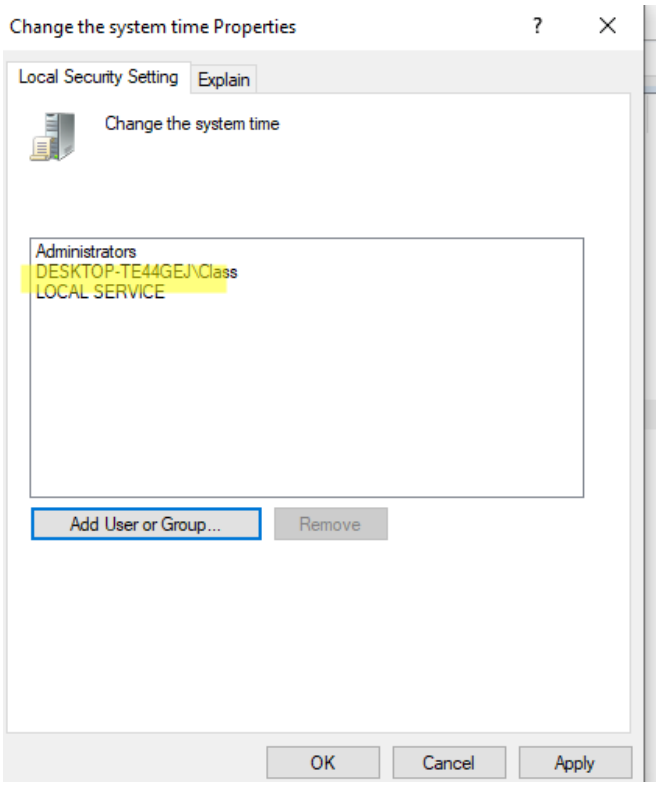
10. Modify the user rights so “Class_1” and “Class_2” will be able to “Change the system time”.

We go to Local security policy→ local policies→user rights Assignment→ change the system time.

To insert groups is disaleble so, we open properties → select users or groups→ object types→ click groups and ok

then we can insert the group Class where are the users Class_1 and Class_2

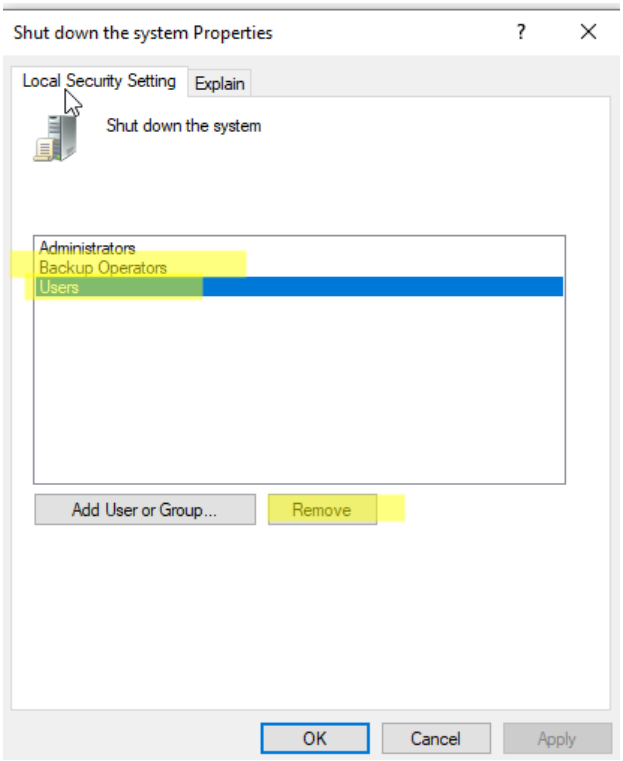

Change the system time Properties
Select Users or Groups
Select this object type:
Users or Built-in security principals
Object Types...
From this location:
DESKTOP-TE44GEJ
Locations...
Enter the object names to select (examples):
Check Names
Object Types
Select the types of objects you want to find.
Object types:
Other objects
Built-in security principals
Groups
Users
OK
Cancel

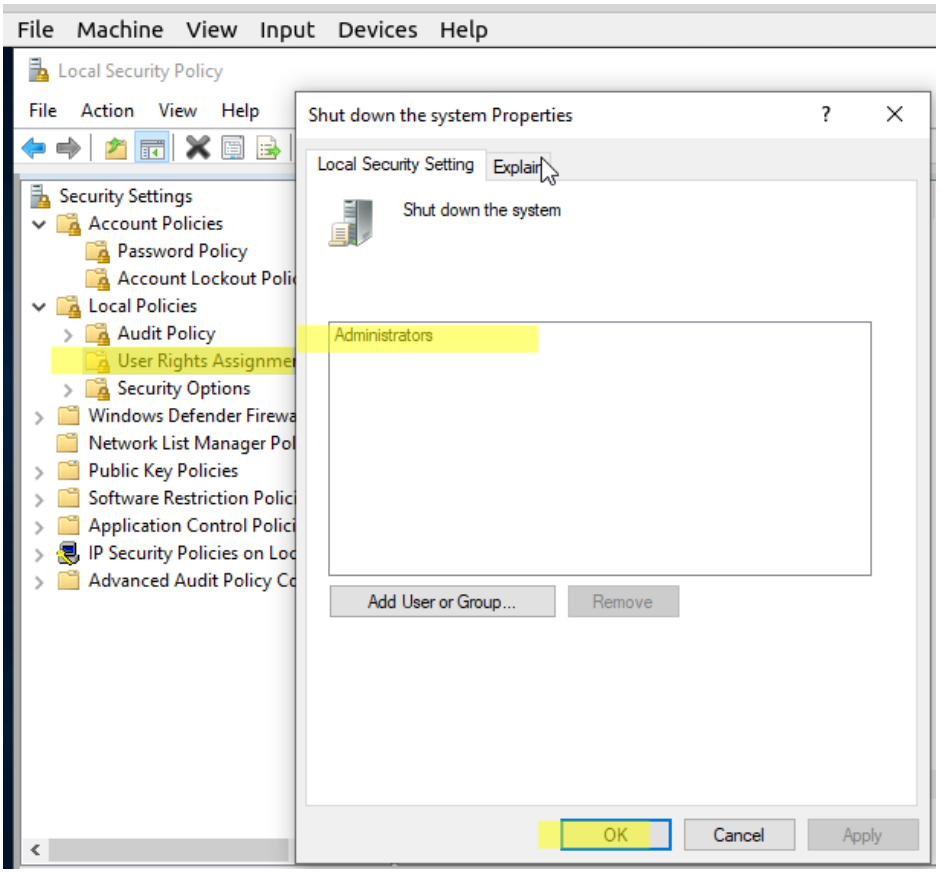

Change the system time Properties
Local Security Setting
Explain
Change the system time
Administrators
DESKTOP-TE44GEJ\Class
LOCAL SERVICE
Add User or Group...
Remove
OK
Cancel
Apply

11. Modify the user rights so that only the administrator users can “Shut down the system”

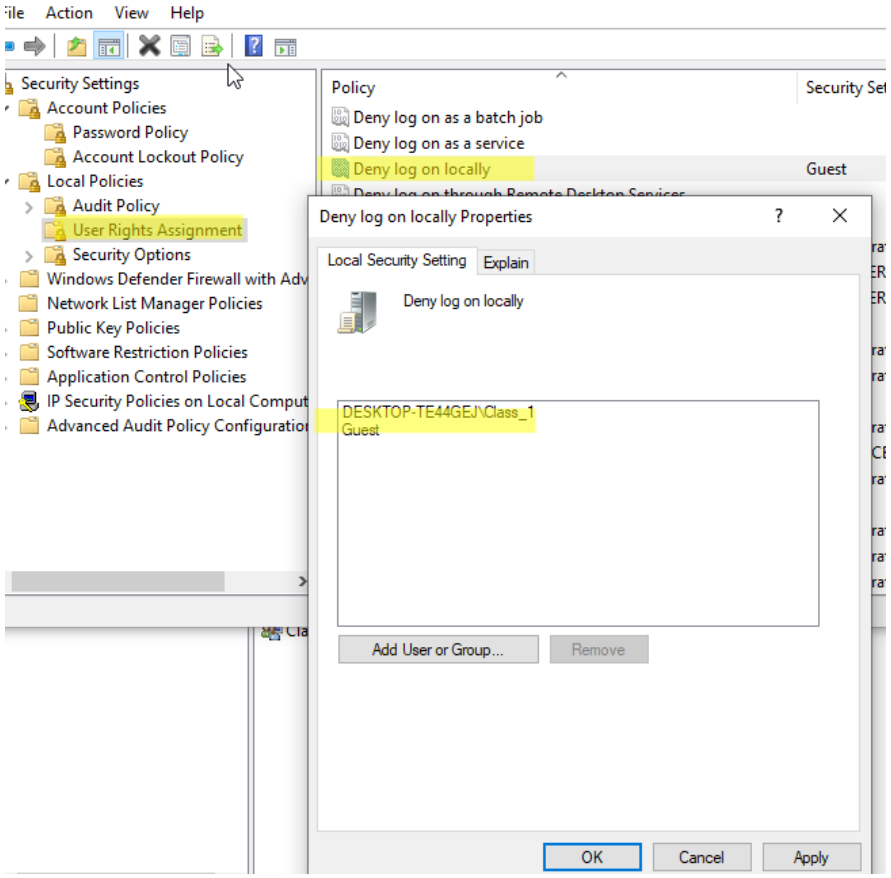
We go to Local security policy→ local policies→user rights Assignment→ Shut down the system→ properties

Remove Users and Backup Operators.

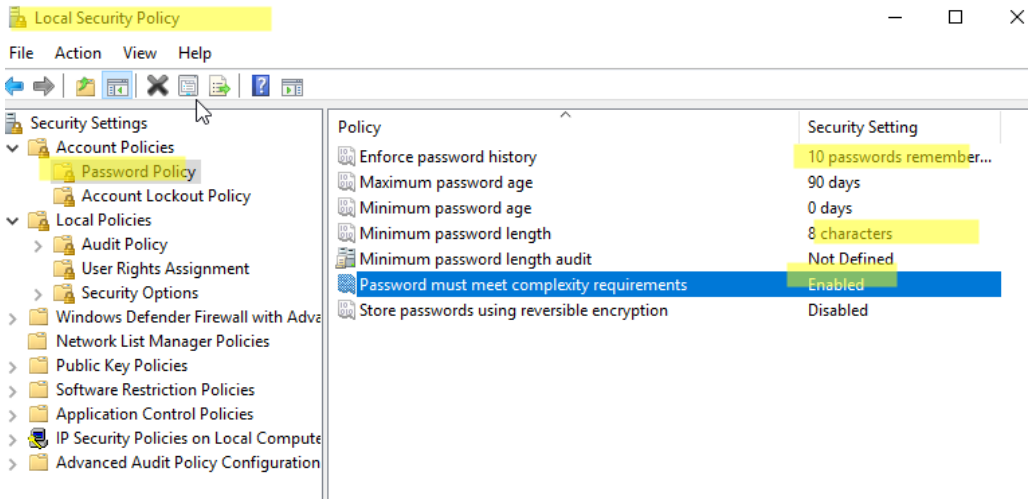


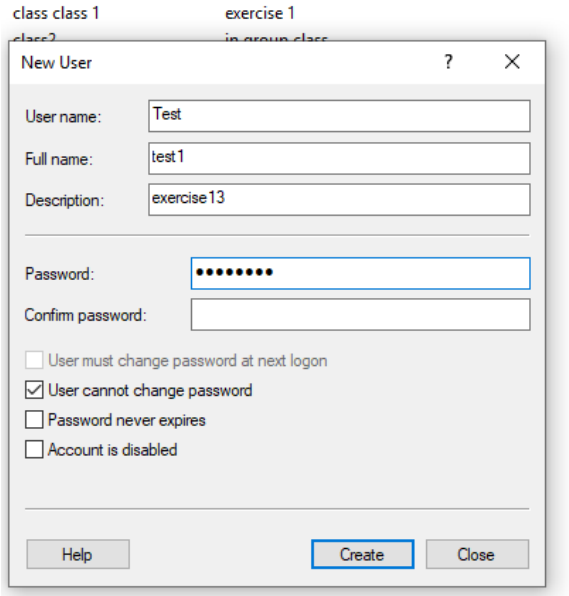


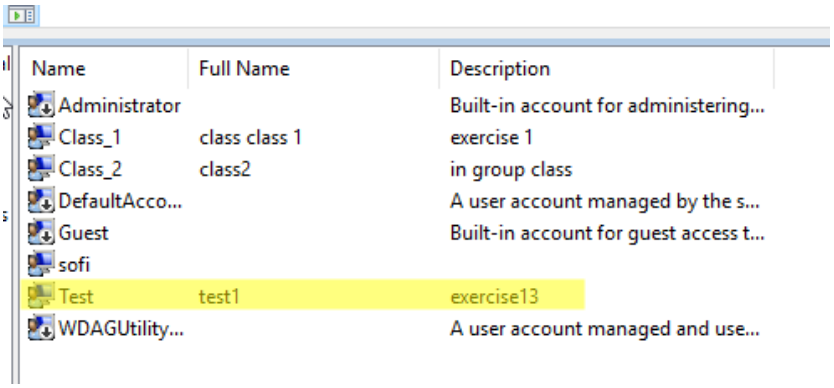
12. Suppose all the standard users are able to log in. How can we deny log on to the specific user “Class_1”?

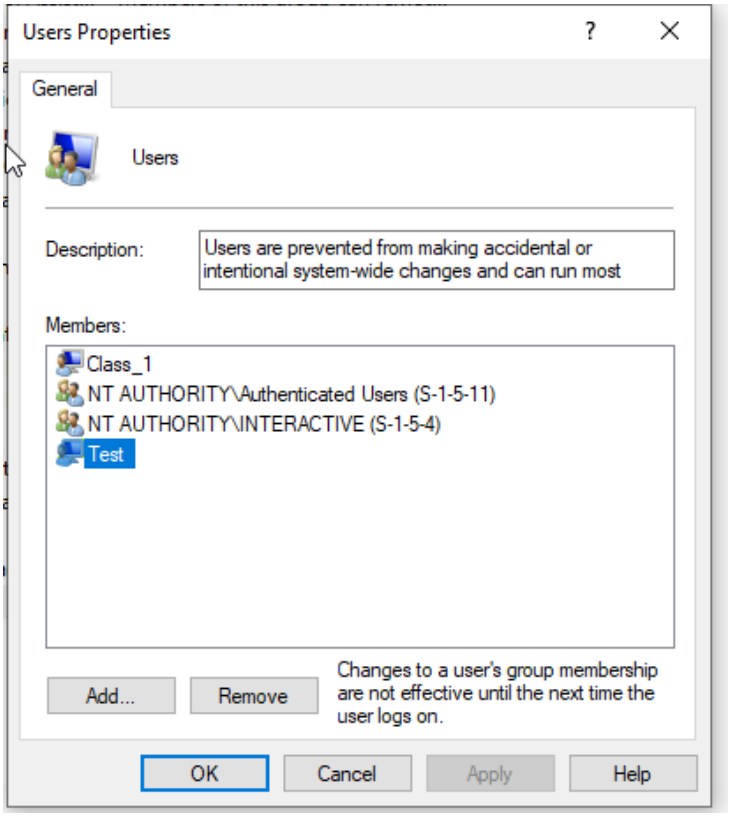


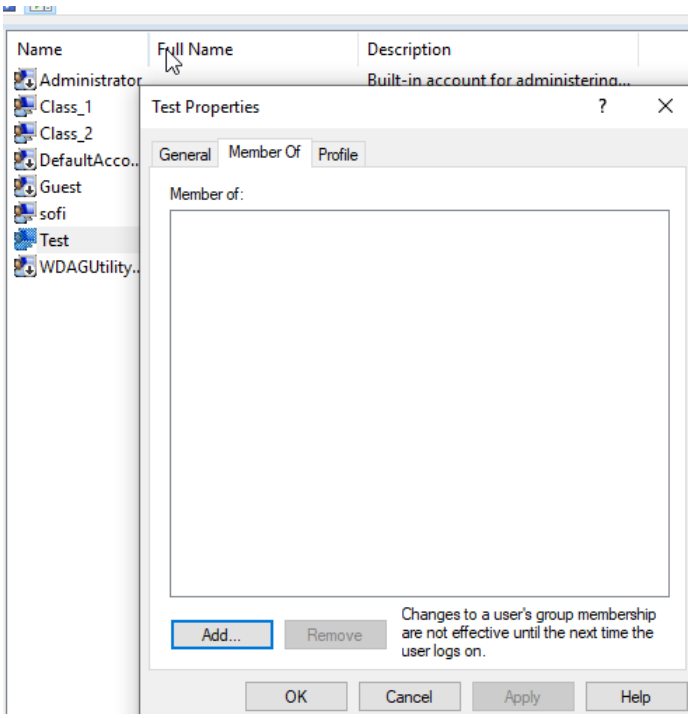
13. Overall, add a new user called “Test” according to the requirements in exercise 7. What if we deleted “Test” from the group “Users”? Try to log in and explain what happens.











we can't log on because it's not locally the user.