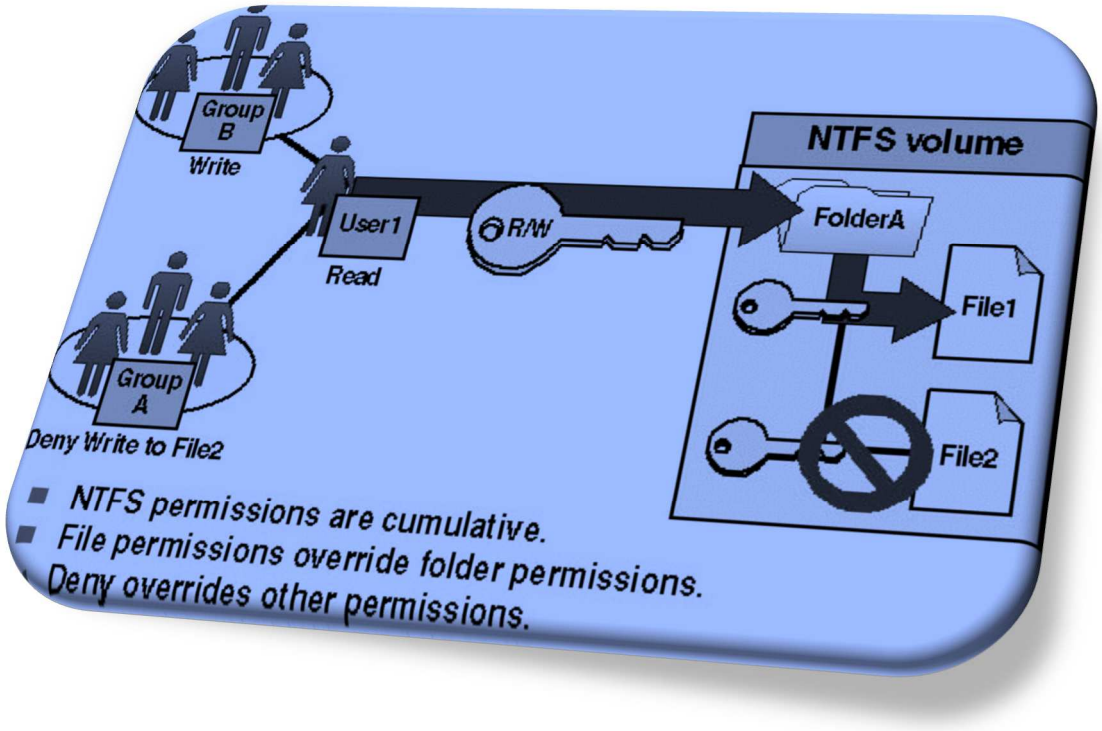
NTFS PERMISSIONS



Ana Cifuentes Romero
DW1E – 22-04-2022

Fill in the following folder and file permissions tables based on the following criteria:

1. There are two groups: **disney** whose members are **pluto, mickey y goofy**; **hanna** whose members are **fred y scooby**.
2. Only the group **hanna** can access the folder **barbera** to create, write and delete files. Disney group cannot enter into this folder.
3. The users of **disney** can create and write files in the folder **paris**, but they cannot delete them. The users of **hanna** can only read the files of this folder.
4. There is a file called **flinstones.doc** in the folder **barbera**. The user **scooby** cannot open this file.
5. The users **mickey** and **fred** are able to copy files in the folder **movies**. The other users can only read files in this folder.
6. Do not delete Administrator permissions. They will always have "Full Control" over all the resources.

Complete this exercise considering that all the folders are at the same level.

Permission table

barbera

	Allow					Deny				
User/Group	Full Control	Modify	Read & Execute	Read	Write	Full Control	Modify	Read & Execute	Read	Write
hanna (explicit)		X	X	X	X					

paris

	Allow					Deny				
User/Group	Full Control	Modify	Read & Execute	Read	Write	Full Control	Modify	Read & Execute	Read	Write
disney (explicit)			X	X	X					
hanna (explicit)			X	X						

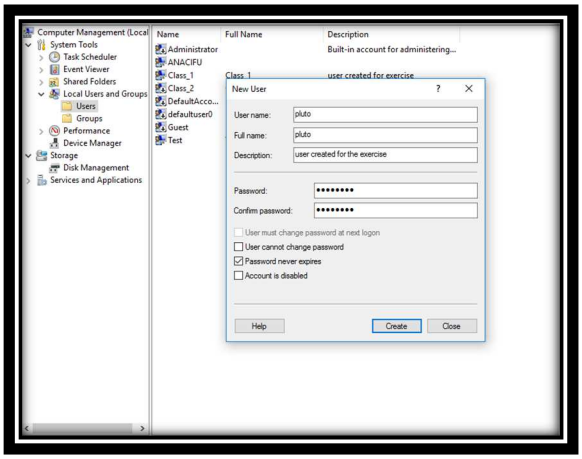
flinstones.doc

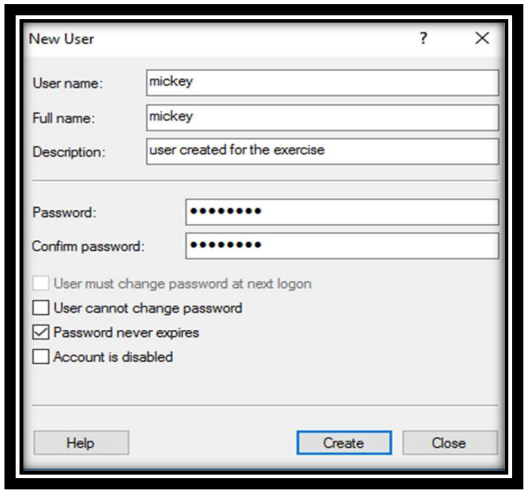
	Allow					Deny				
User/Group	Full Control	Modify	Read & Execute	Read	Write	Full Control	Modify	Read & Execute	Read	Write
hanna (inherited)		X	X	X	X					
scooby (explicit)								X	X	

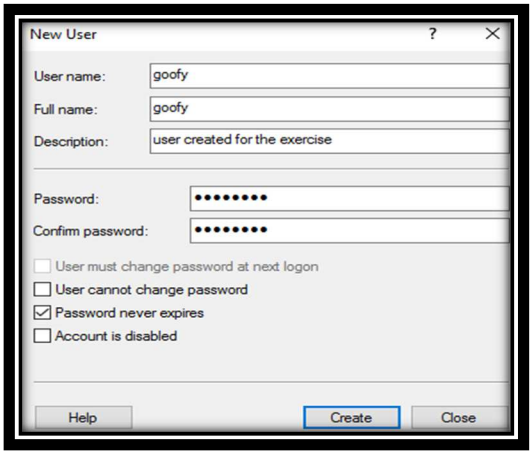
movies

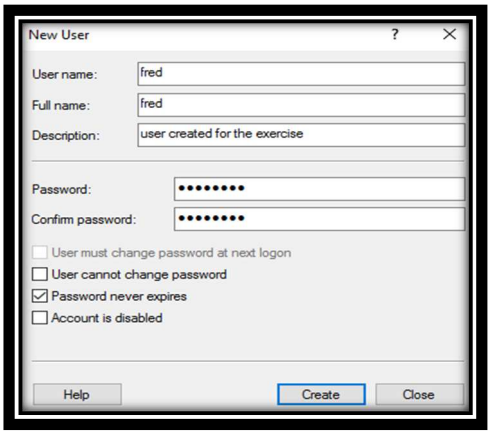
	Allow					Deny				
User/Group	Full Control	Modify	Read & Execute	Read	Write	Full Control	Modify	Read & Execute	Read	Write
disney (explicit)			X	X						
hanna (explicit)			X	X						
mickey (explicit)			X	X	X					
fred (explicit)			X	X	X					

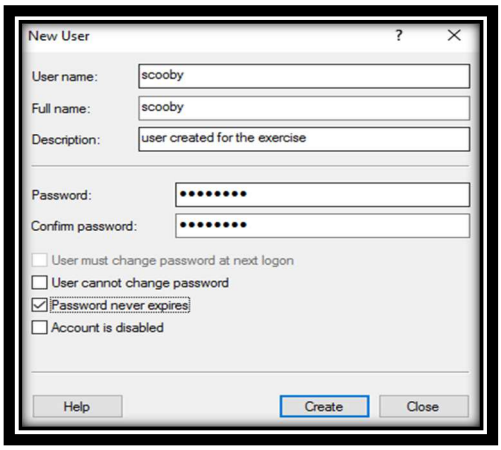
First, we are going to create five users from **Computer Management->Local users and groups->users**.

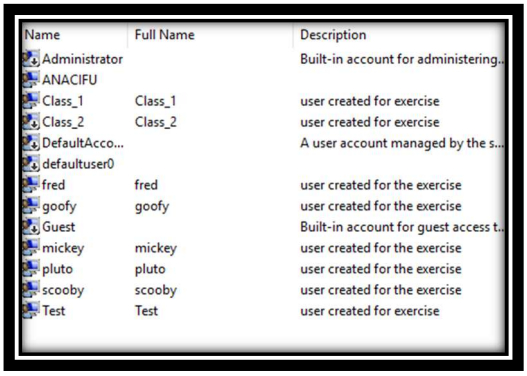




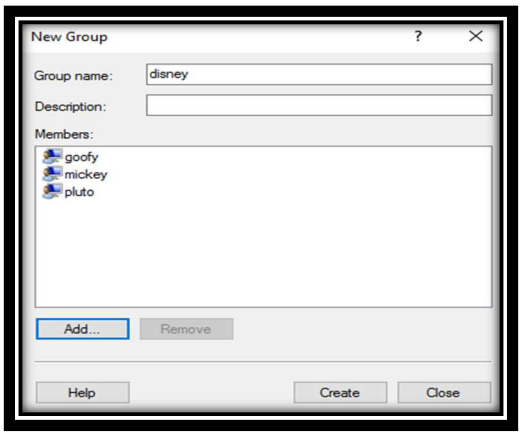


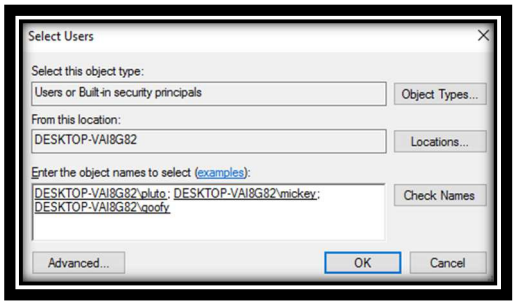


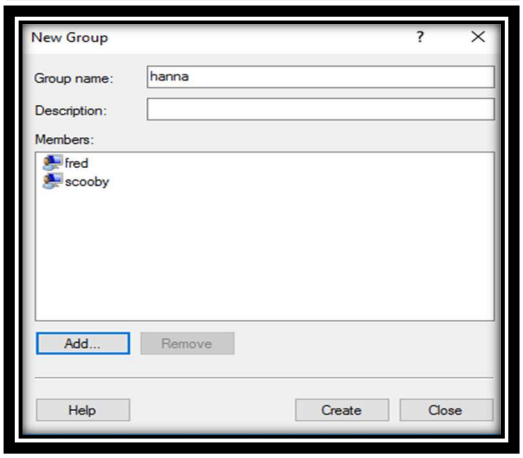


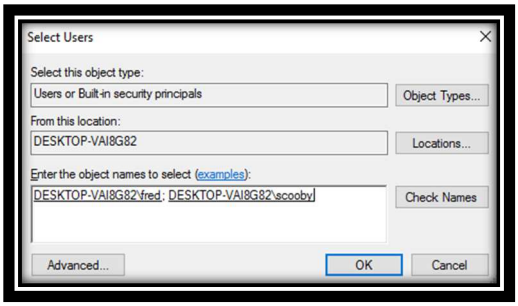


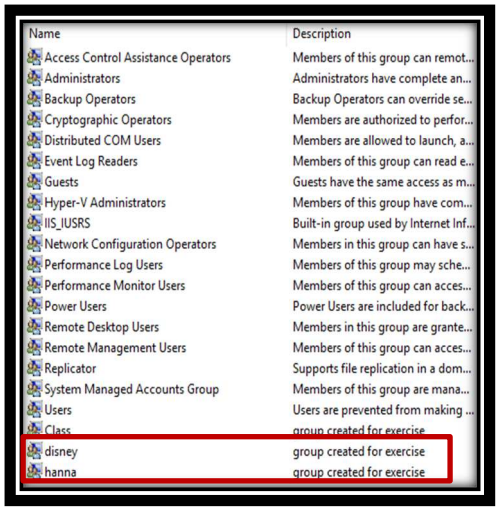
In the second step, we will create the two groups from Computer Management and add their corresponding users.







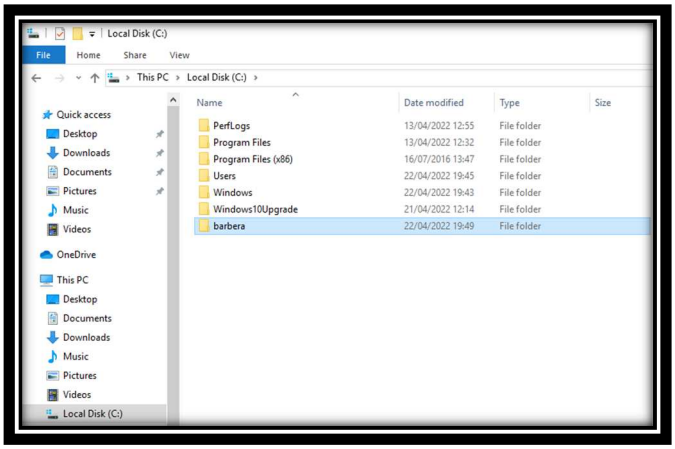




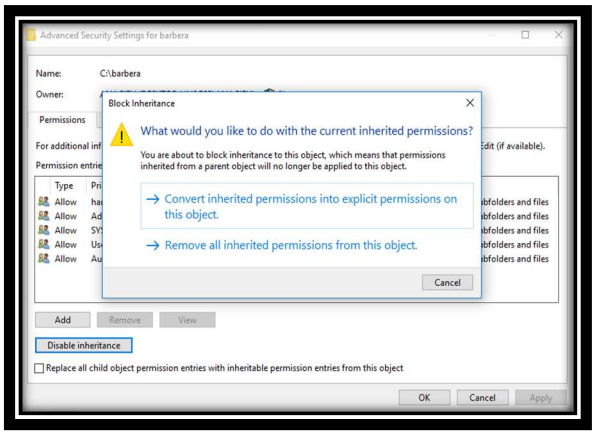
Now, we have to restart the computer in order to finish their configurations. They are all authenticated users now.

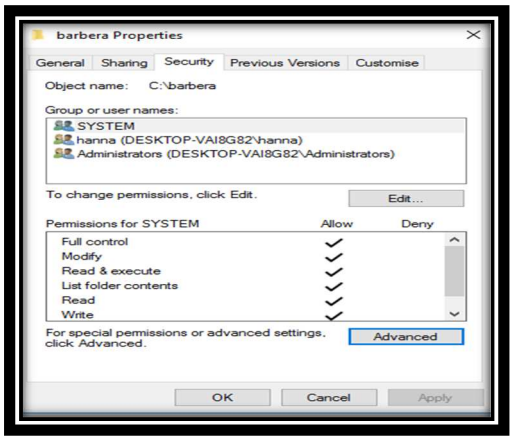
Now, we have to do the same with all of them.

Once finished, we have to create the **barbera** folder in **C:** and then choose the folder properties.

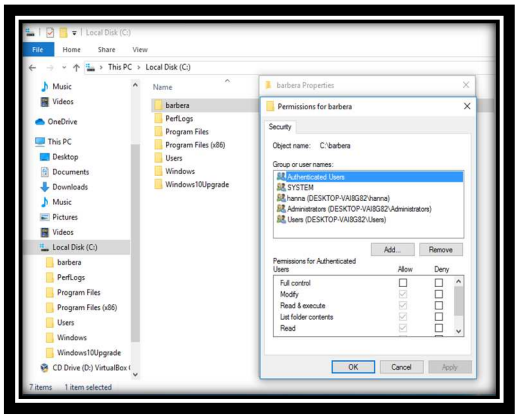


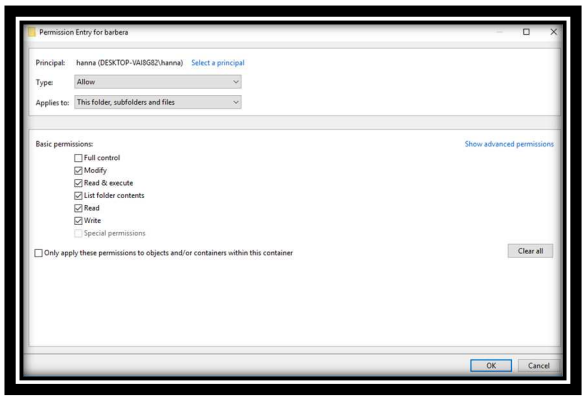
File explorer->C:\->barbera. Now, click on “Security” tab, “Advanced” button, and click on “Disable inheritance” in order to convert inherited permissions into explicit permissions, to disable inheritance to subfolders and files contained in the main folder.

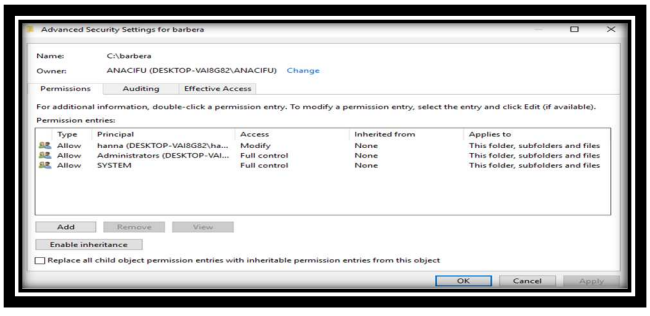




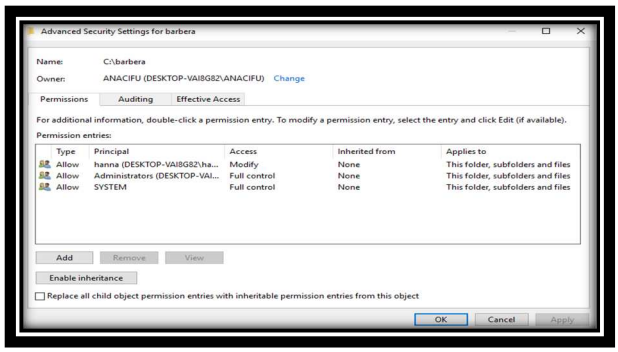
Now, we add hanna group, delete Users types and check Modify option when checking it will automatically mark the rest options except full option.



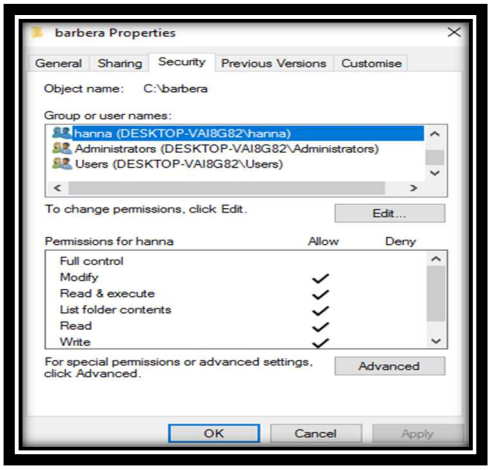


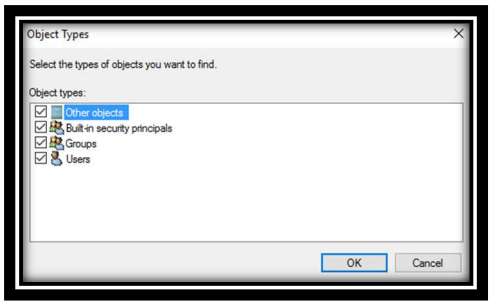


Now, we change the owner in order not to allow ANACIFU to manage barbera folder.

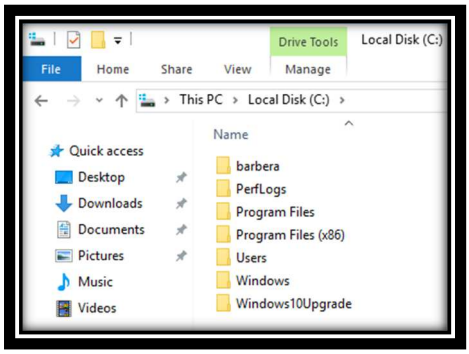


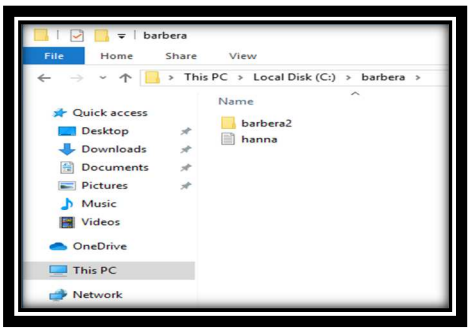
Now, we add groups to “Object types” in order to allow them to manage barbera folder.

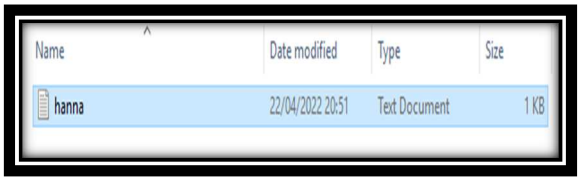


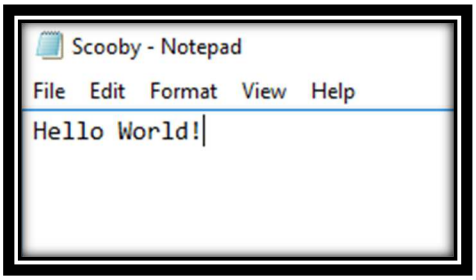


Now, you can check that only the two users of the **hanna** group can access, add, modify and delete in **barbera** folder.

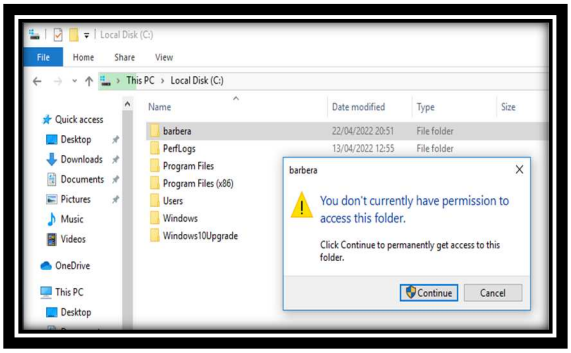




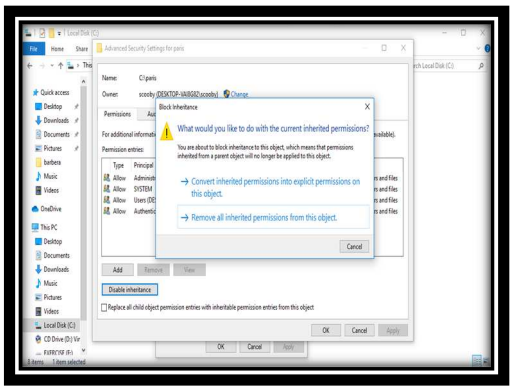


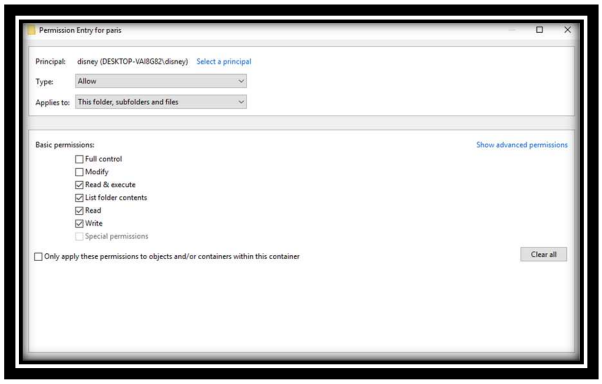


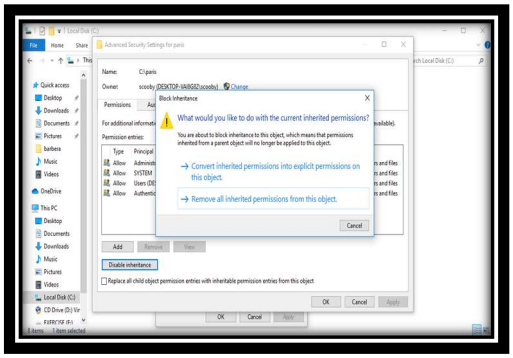
Now, if you enter with another user from another group you are not be able to access **barbera** folder.

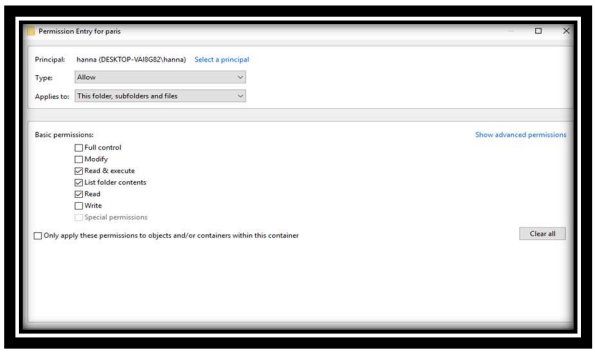


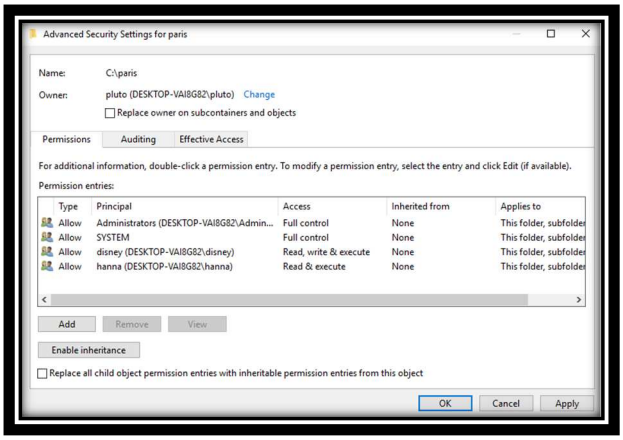
In this part, we create a new folder called paris, enable inheritance, remove Users type and give permissions for the disney group and hanna group.



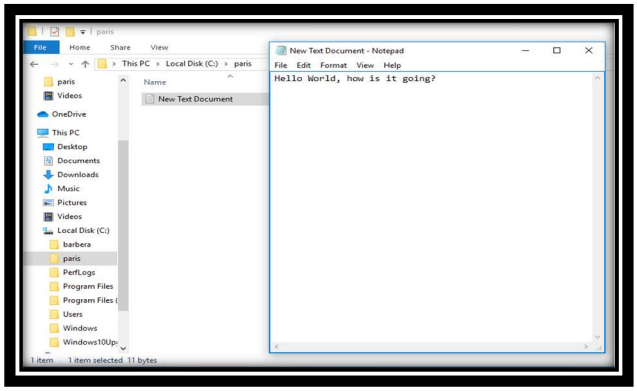




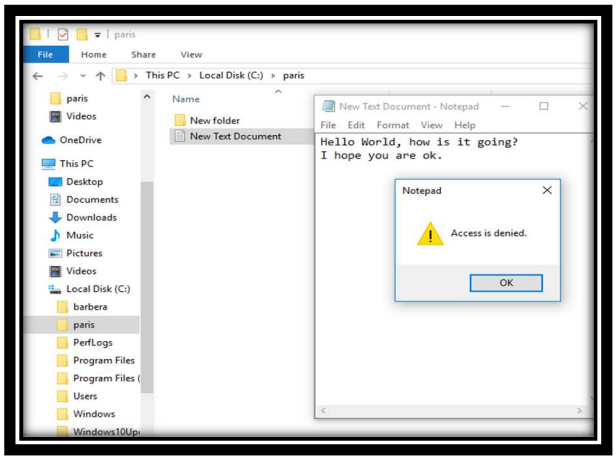




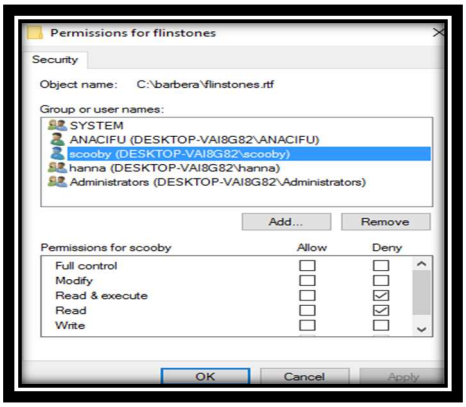
Now, we check the permissions of the disney group. You can create, read and write but not rename files or delete them.



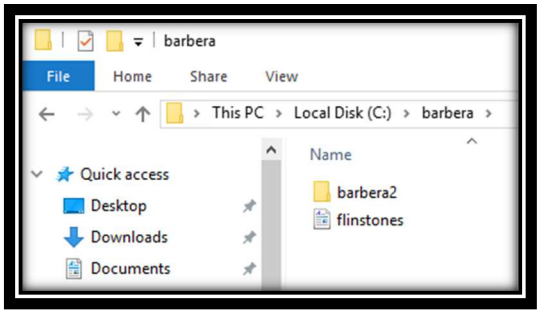
Now, we check the permissions of the hanna group. You can execute and read but but you cannot make any changes.

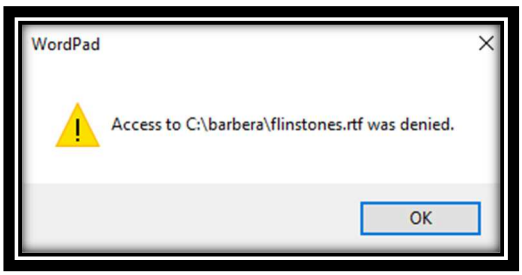


In this case it will restrict reading access to the user scooby to the flinstones file. To do this, the user must be added with the corresponding restrictions.

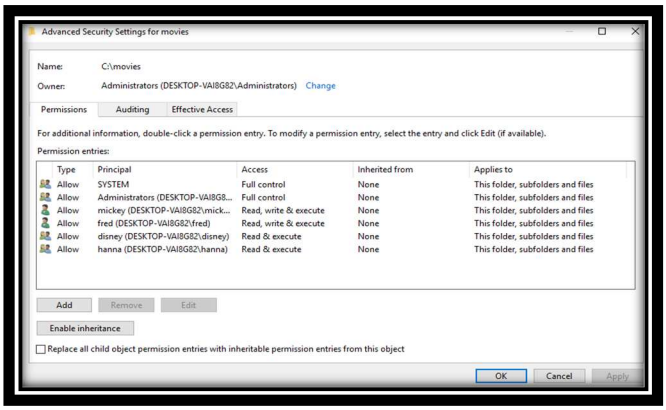


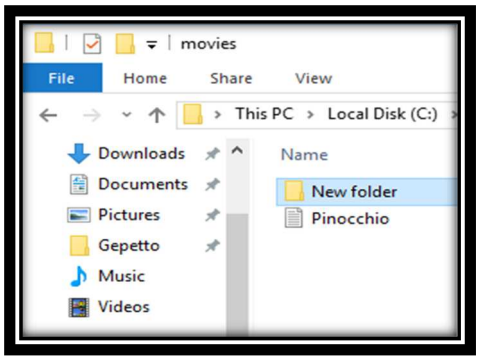
You can be accessed as much as the group has permissions except to read this file, since the most restrictive is the denial of access to this file.

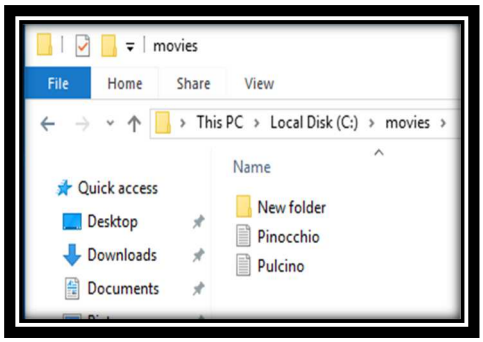




In this case, we change the owner to avoid folder access issues, add write permissions on the **movies** folder to **mickey** and **fred** with "Disable inheritance" and you will be able to copy files to this folder. Now, do the same with groups **“Disney”** and **“hanna”** but in this case only read permissions and you will not be able to copy files.







With the others users you will not be able to copy any file or folder into **movies**.