DEADLINE Before starting embedded Linux

Section 1 submit through google Drive Or Readme

Section 1:

1. Create a folder called myteam in your home directory and change its permissions to read only for the owner.
2. Log out and log in by another user
3. Try to access (by cd command) the folder (myteam)
4. Using the command Line
   a. Change the permissions of oldpasswd file to give owner read and write permissions and for group write and execute and execute only for the others (using chmod in 2 different ways)
   b. Change your default permissions to be as above.
   c. What is the maximum permission a file can have, by default when it is just created? And what is that for directory.
   d. Change your default permissions to be no permission to everyone then create a directory and a file to verify.
   e. State who can access a this file if any with proof.
5. Create a file with permission 444. Try to edit in it and to remove it? Note what happened.
6. What is the difference between the "x" permission for a file and for a directory?

Create a new directory.

1. Set the sticky bit on the newly created directory.
2. set the setgui bit on the created directory
3. Create multiple user accounts.
4. Allow these users to create files within the directory and directory.
5. Attempt to delete or rename each other's files.
6. Provide a clear output demonstrating the impact of the sticky bit on file deletion and renaming within the directory.
7. Provide a clear output for the directory created.

List the permission passwd command has and explain why it has **S**