Module File Permissions

How to Start Module:

- Before starting the module, Run the <module_script_name> to configure the environment and then <module_script_name> to verify you have done the work correctly
    1. Open a Terminal Window
    2. Clone the GitHub repo (If you have already downloaded Github Repo, skip Step2) (https://github.com/milodigwe/Linux_Essentials_m2itech)
        - From the command line type:
          git clone https://github.com/milodigwe/Linux_Essentials_m2itech
    3. Once repository is cloned, navigate to the Hands_On Folder and find the script named: **file_perm.sh**
    4. Run the navigating_and_working_the_file_system.sh script: This will configure the environment for the hands-on module
        - **sh ./ file_perm.sh**
        - The script will ask you for your public IP of your instance (which you can find in your aws console) and your key_pair (which you downloaded and assigned to instance during the ec2 creation process) to log into your instance.
    5. Once the script is finished it will provide you with an output on how to log into the system.
        - Should look like: ssh -i <path to key pair> ec2-user@<ip address>
    6. Once logged in to the instance, Perform the required tasks below.

7. To verify that you have performed the task correctly. You will need to run the **file_perm.sh_check.sh** script located in /home/ec2-user directory.
    - **file_perm.sh_check.sh** You must score a 100% to pass this module.
8. Please Note * Terminate or Stop your instance when not using it.

HAPPY LEARNING!!!

Questions:

To run these commands become root by typing:
sudo su - or enter sudo before each command.

Lab1: Create a file called example.txt in /home/ec2-user directory. Make this file readable, writeable, and executable for the user and group but not for the others. Others should not be able read, write, or execute this file.

Lab 2: Create a user called linux_user, with the uid of 2000

Lab 3: Create a group called linux group, with a group id of 2001
Add user linux_user to the linux_group as the secondary group.

Lab 4: Create a file called temp_file in the /tmp directory. Change the ownership and group ownership of that file to linux_user. Make sure this directory is readable and writeable and executable by the user, group and executable by others.

Lab 5: Create an expiration date for linux_user account to expire June 30th, 2030