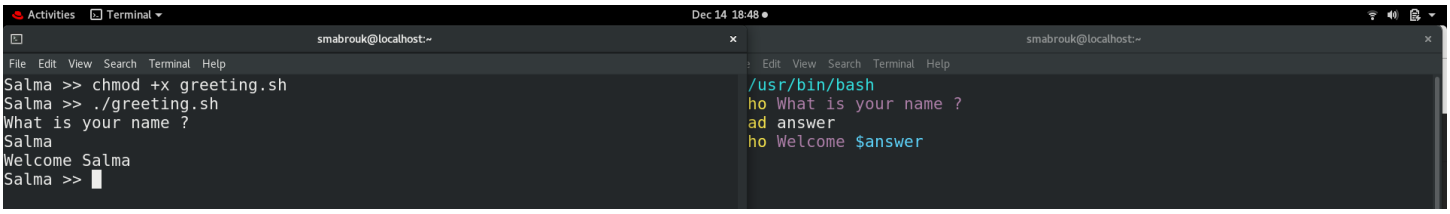
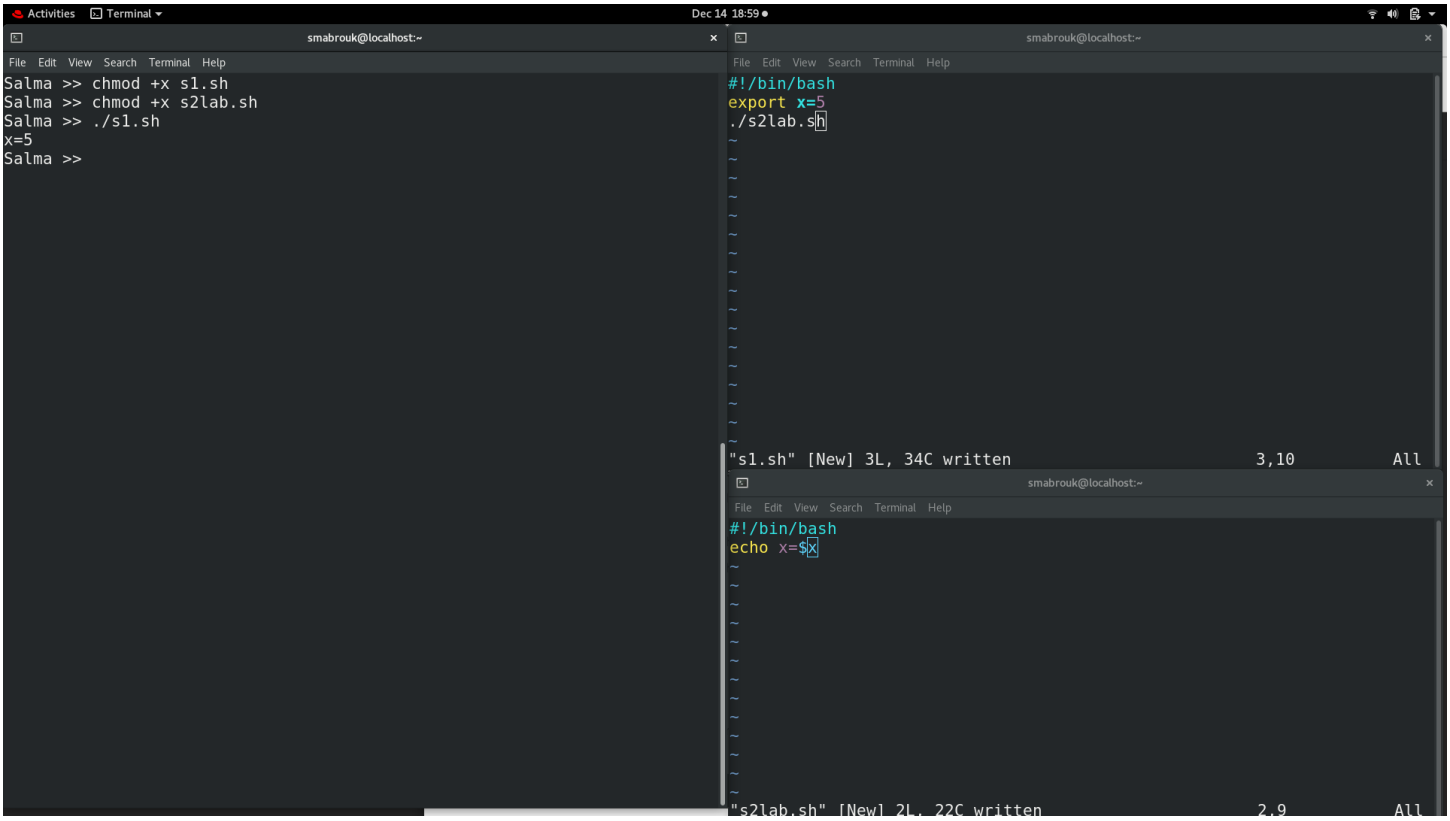
# Bash script lab 2

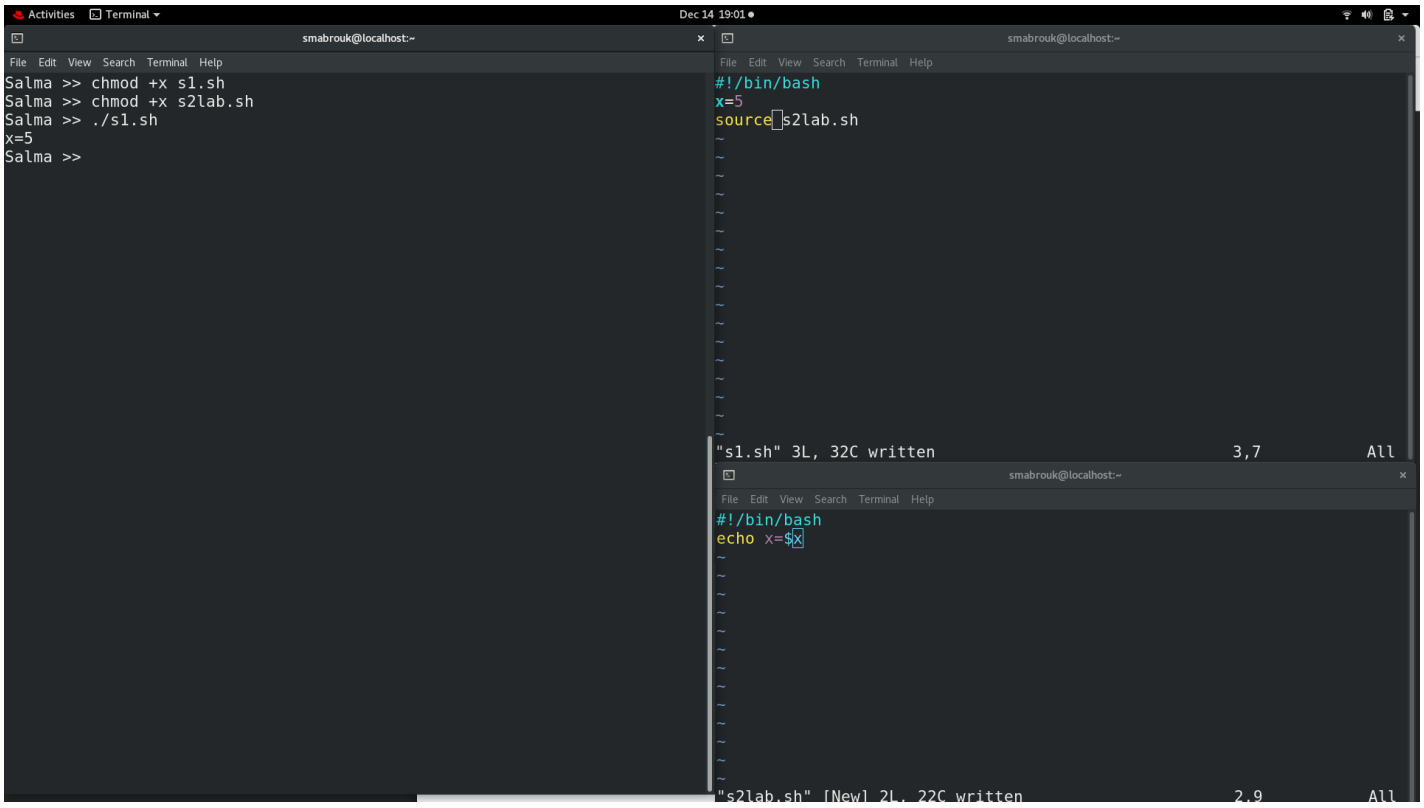
1. Create a script that asks for user name then send a greeting to him.



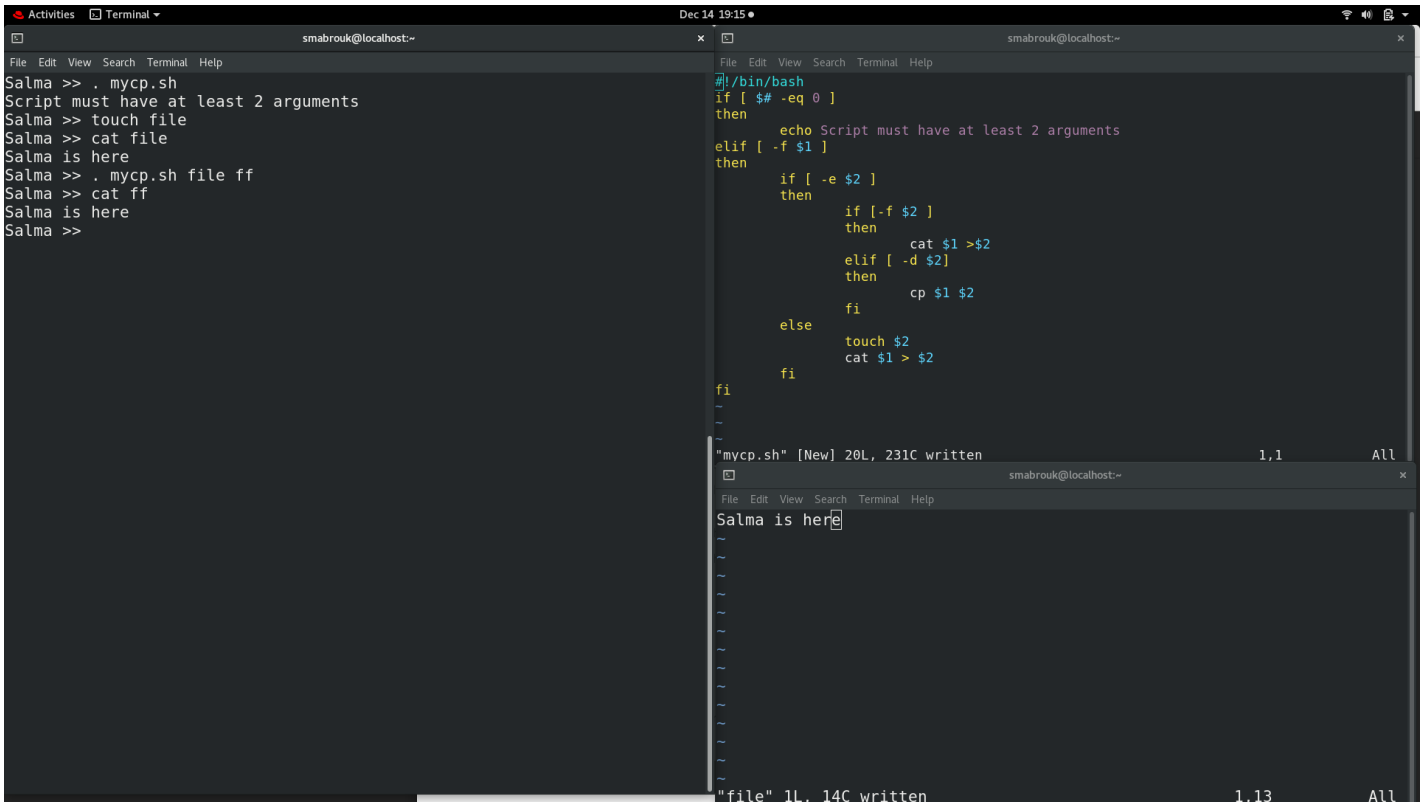

2. Create a script called s1 that calls another script s2 where:
- In s1 there is a variable called x, it's value 5



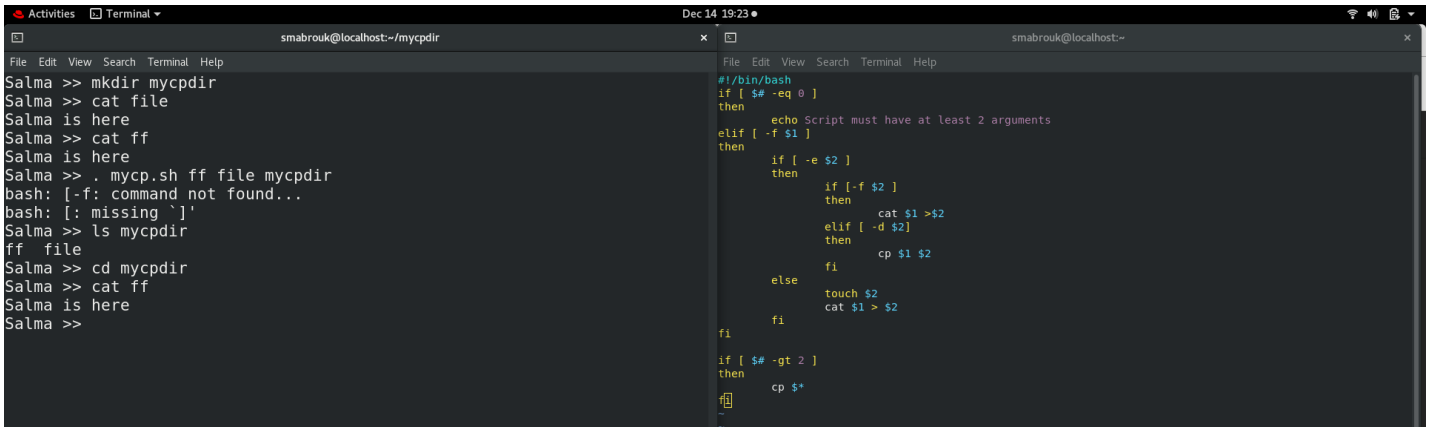
- Try to print the value of x in s2 by two different ways.



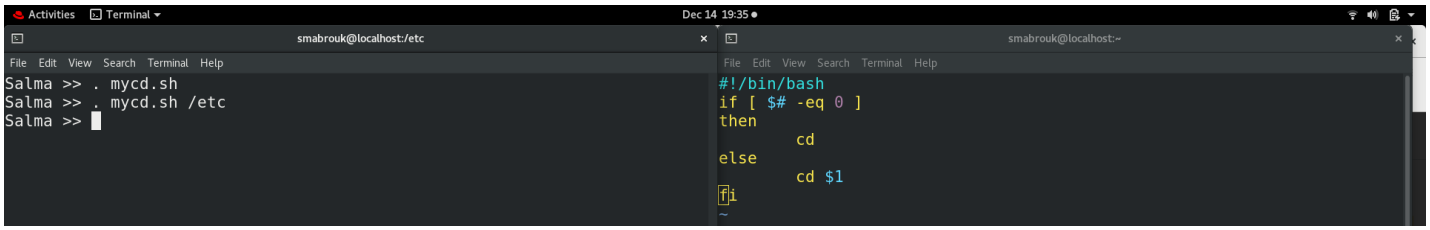

3. Create a script called mycp where:
- It copies a file to another



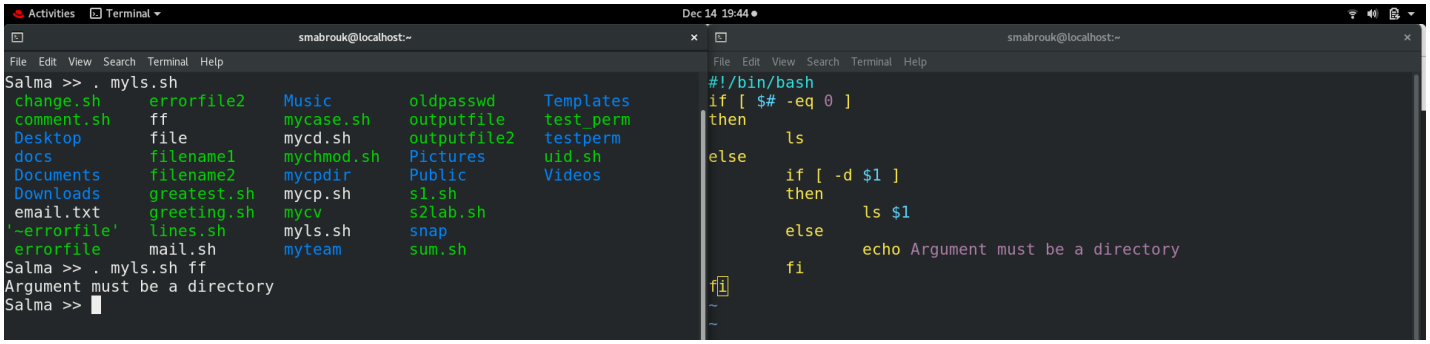
- It copies multiple files to a directory.




4. Create a script called mycd where:
- It changed directory to the user home directory, if it is called without arguments.
- Otherwise, it change directory to the given directory.

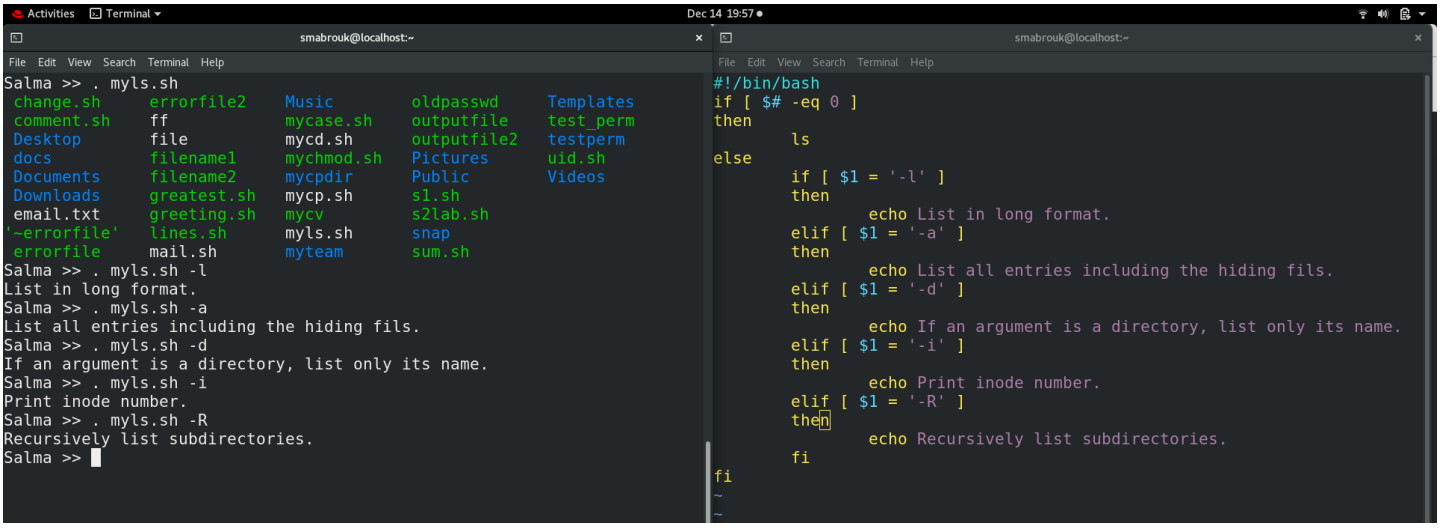



5. Create a script called myls where:
- It lists the current directory, if it is called without arguments.
- Otherwise, it lists the given directory.



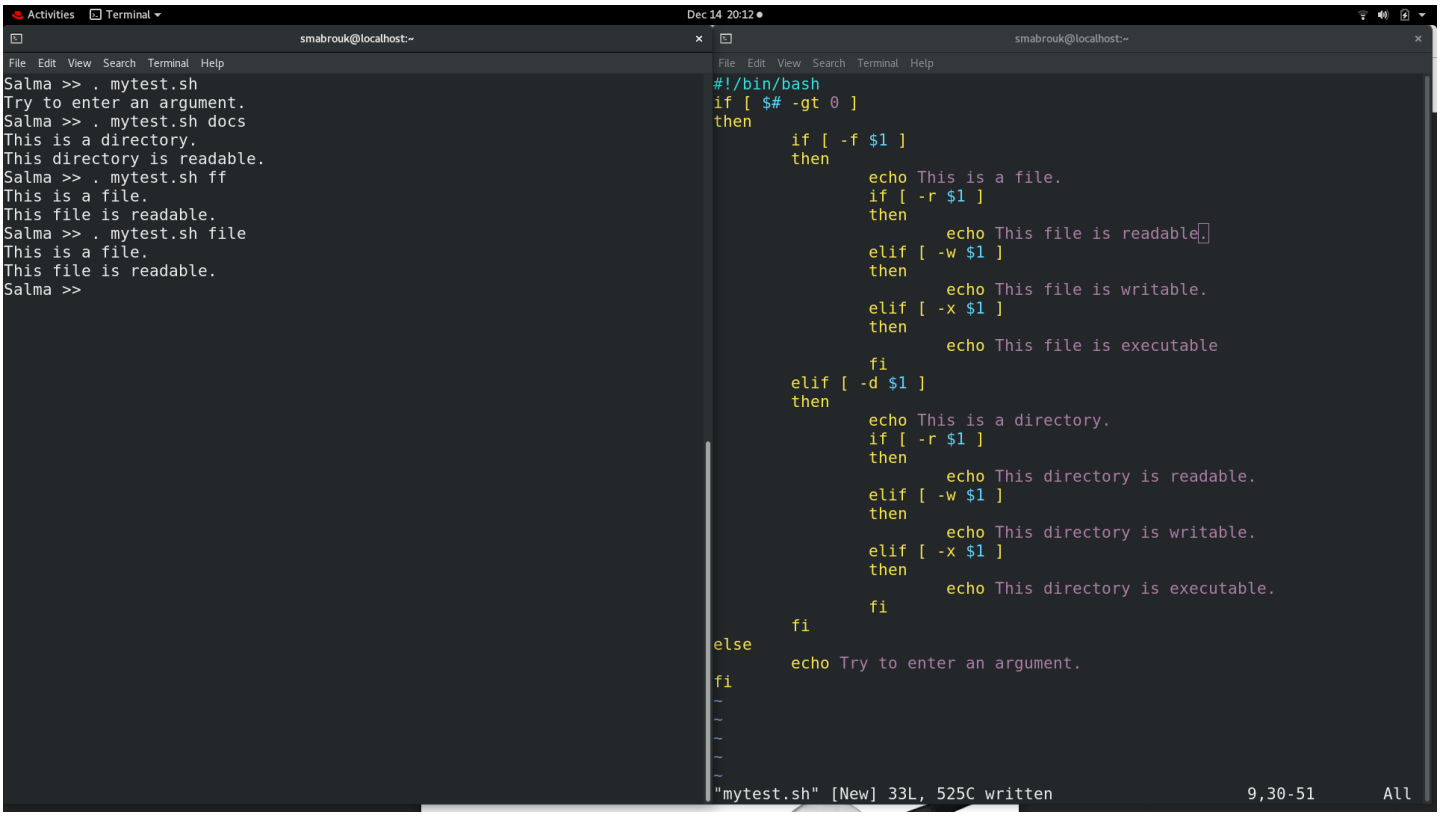
6. Enhance the above script to support the following options individually:

- –l: list in long format
- –a: list all entries including the hiding files.
- –d: if an argument is a directory, list only its name
- –i: print inode number
- –R: recursively list subdirectories




7. Create a script called mytest where:

- It check the type of the given argument (file/directory)
- It check the permissions of the given argument (read/write/execute)



8. Create a script called myinfo where:

- It asks the user about his/her logname.
- It print full info about files and directories in his/her home directory
- Copy his/her files and directories as much as you can in /tmp directory.
- Gets his current processes status.