



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:
  - a. In s1 there is a variable called x, it's value 5
  - b. Try to print the value of x in s2 by two different ways.
3. Create a script called mycp where:
  - a. It copies a file to another
  - b. It copies multiple files to a directory.
4. Create a script called mycd where:
  - a. It changed directory to the user home directory, if it is called without arguments.
  - b. Otherwise, it change directory to the given directory.
5. Create a script called myls where:
  - a. It lists the current directory, if it is called without arguments.
  - b. Otherwise, it lists the given directory.
6. Enhance the above script to support the following options individually:
  - a. -l: list in long format
  - b. -a: list all entries including the hiding files.
  - c. -d: if an argument is a directory, list only its name
  - d. -i: print inode number
  - e. -R: recursively list subdirectories

**Bonus:** enhance the above script to support the following Synopsis:

```
mys -option1 -option2
mys -option2 -option1
mys -option1option2
mys -option2option1
```

7. Create a script called mytest where:
  - a. It check the type of the given argument (file/directory)
  - b. It check the permissions of the given argument (read/write/execute)
8. Create a script called myinfo where:
  - a. It asks the user about his/her logname.
  - b. It print full info about files and directories in his/her home directory
  - c. Copy his/her files and directories as much as you can in /tmp directory.
  - d. Gets his current processes status.

