

Lab Exercise 1

Tasks:

Practice using the commands you learnt to solve the following:

- Create a new folder
- Create another folder inside the first one
- Print the contents of the first folder
- Change directory to the second folder, and print the current path
- Change directory back to the original starting place
- Delete the first folder

Solution:

- 1. Create a new folder:** I have created a folder called “labExerciseOne” inside a directory called “moduleOne.”

```
hamidazimy@Hamids-MacBook-Air moduleOne % mkdir labExerciseOne
hamidazimy@Hamids-MacBook-Air moduleOne % ls
firstDay      labExerciseOne
hamidazimy@Hamids-MacBook-Air moduleOne %
```

- 2. Create another folder inside the first one:** I have created another folder inside the first one called “anotherFolder.”

```
hamidazimy@Hamids-MacBook-Air moduleOne % mkdir labExerciseOne
hamidazimy@Hamids-MacBook-Air moduleOne % ls
firstDay      labExerciseOne
hamidazimy@Hamids-MacBook-Air moduleOne %
hamidazimy@Hamids-MacBook-Air moduleOne % cd labExerciseOne
hamidazimy@Hamids-MacBook-Air labExerciseOne % mkdir anotherFolder
hamidazimy@Hamids-MacBook-Air labExerciseOne % ls
anotherFolder
hamidazimy@Hamids-MacBook-Air labExerciseOne %
hamidazimy@Hamids-MacBook-Air labExerciseOne %
```

3. **Print the contents of the first folder:** I have printed the contents of the first folder using the command “ls”

```
hamidazimy@Hamids-MacBook-Air moduleOne % mkdir labExerciseOne
hamidazimy@Hamids-MacBook-Air moduleOne % ls
firstDay      labExerciseOne
hamidazimy@Hamids-MacBook-Air moduleOne %
hamidazimy@Hamids-MacBook-Air moduleOne % cd labExerciseOne
hamidazimy@Hamids-MacBook-Air labExerciseOne % mkdir anotherFolder
hamidazimy@Hamids-MacBook-Air labExerciseOne % ls
anotherFolder
hamidazimy@Hamids-MacBook-Air labExerciseOne %
hamidazimy@Hamids-MacBook-Air labExerciseOne %
```

4. **Change directory to the second folder, and print the current path:**

```
hamidazimy@Hamids-MacBook-Air moduleOne % mkdir labExerciseOne
hamidazimy@Hamids-MacBook-Air moduleOne % ls
firstDay      labExerciseOne
hamidazimy@Hamids-MacBook-Air moduleOne %
hamidazimy@Hamids-MacBook-Air moduleOne % cd labExerciseOne
hamidazimy@Hamids-MacBook-Air labExerciseOne % mkdir anotherFolder
hamidazimy@Hamids-MacBook-Air labExerciseOne % ls
anotherFolder
hamidazimy@Hamids-MacBook-Air labExerciseOne %
hamidazimy@Hamids-MacBook-Air labExerciseOne % cd anotherFolder
hamidazimy@Hamids-MacBook-Air anotherFolder % pwd
/Users/hamidazimy/Developer/iod/moduleOne/labExerciseOne/anotherFolder
hamidazimy@Hamids-MacBook-Air anotherFolder %
```

5. **Change directory back to the original starting place:** I changed the directory back to the original starting directory using “cd ../../”

```
hamidazimy@Hamids-MacBook-Air moduleOne % mkdir labExerciseOne
hamidazimy@Hamids-MacBook-Air moduleOne % ls
firstDay      labExerciseOne
hamidazimy@Hamids-MacBook-Air moduleOne %
hamidazimy@Hamids-MacBook-Air moduleOne % cd labExerciseOne
hamidazimy@Hamids-MacBook-Air labExerciseOne % mkdir anotherFolder
hamidazimy@Hamids-MacBook-Air labExerciseOne % ls
anotherFolder
hamidazimy@Hamids-MacBook-Air labExerciseOne %
hamidazimy@Hamids-MacBook-Air labExerciseOne % cd anotherFolder
hamidazimy@Hamids-MacBook-Air anotherFolder % pwd
/Users/hamidazimy/Developer/iod/moduleOne/labExerciseOne/anotherFolder
hamidazimy@Hamids-MacBook-Air anotherFolder % cd ../../
hamidazimy@Hamids-MacBook-Air moduleOne %
```

- 6. Delete the first folder:** I deleted the first folder using “rm -rf”. I tried using “rmdir -rf”; however, that gave an error.

```
hamidazimy@Hamids-MacBook-Air moduleOne % mkdir labExerciseOne
hamidazimy@Hamids-MacBook-Air moduleOne % ls
firstDay      labExerciseOne
hamidazimy@Hamids-MacBook-Air moduleOne %
hamidazimy@Hamids-MacBook-Air moduleOne % cd labExerciseOne
hamidazimy@Hamids-MacBook-Air labExerciseOne % mkdir anotherFolder
hamidazimy@Hamids-MacBook-Air labExerciseOne % ls
anotherFolder
hamidazimy@Hamids-MacBook-Air labExerciseOne %
hamidazimy@Hamids-MacBook-Air labExerciseOne % cd anotherFolder
hamidazimy@Hamids-MacBook-Air anotherFolder % pwd
/Users/hamidazimy/Developer/iod/moduleOne/labExerciseOne/anotherFolder
hamidazimy@Hamids-MacBook-Air anotherFolder % cd ../../
hamidazimy@Hamids-MacBook-Air moduleOne % rmdir -rf labExerciseOne
rmdir: illegal option -- r
usage: rmdir [-pv] directory ...
hamidazimy@Hamids-MacBook-Air moduleOne % rm -rf labExerciseOne
hamidazimy@Hamids-MacBook-Air moduleOne % ls
firstDay
hamidazimy@Hamids-MacBook-Air moduleOne %
```