ASSIGNMENT 1

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Class: LY AIEC
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Course: Shell Scripting for Beginners
Output:

```
theia@theia-yusraakhan20:/home/project$ ls -l greet.sh
-rwxr-xr-x 1 theia users 513 Jul 26 10:11 greet.sh
theia@theia-yusraakhan20:/home/project$ bash greet.sh
Enter your name :Yusra
Welcome Yusra
Congratulations! You just created and ran your first shell script using Bash
on IBM Skills Network
theia@theia-yusraakhan20:/home/project$
```

```
theia@theia-yusraakhan20:/home/project$ chmod +x greet.sh
theia@theia-yusraakhan20:/home/project$ chmod u+x greet.sh
theia@theia-yusraakhan20:/home/project$ ls -l greet.sh
-rwxr-xr-x 1 theia users 526 Jul 26 10:13 greet.sh
theia@theia-yusraakhan20:/home/project$ ./greet.sh
Enter your name :Yusra
Welcome Yusra
Congratulations! You just created and ran your first shell script using Bash
on IBM Skills Network
theia@theia-yusraakhan20:/home/project$
```

```
theia@theia-yusraakhan20:/home/project$ chmod u+x greetnew.sh
theia@theia-yusraakhan20:/home/project$ ./greetnew.sh
Enter your firstname :Yusra
Enter your lastname :Khan
Hello Yusra Khan.
theia@theia-yusraakhan20:/home/project$
```

Course: Getting started with Linux Terminal Commands
Output:

```
theia@theia-yusraakhan20:/home/project$ cd ~
theia@theia-yusraakhan20:~$ cd ..
theia@theia-yusraakhan20:/home$ cd/
bash: cd/: No such file or directory
theia@theia-yusraakhan20:/home$ cd /
theia@theia-yusraakhan20:/$ cd bin
theia@theia-yusraakhan20:/bin$ cd ../home/theia
theia@theia-yusraakhan20:~$ cd ~
theia@theia-yusraakhan20:~$ cd ../project
theia@theia-yusraakhan20:/home/project$ ls
greet.sh   greetnew.sh
theia@theia-yusraakhan20:/home/project$ ls /
README.md   chromedriver-linux64   home   lib64   mnt    root   srv   usr
bin         dev                     lib    libx32  opt    run    sys   var
boot        etc                     lib32  media   proc   sbin   tmp
theia@theia-yusraakhan20:/home/project$ ls /bin
 2to3-3.8                               login
 FileCheck-17                           loginctl
 GET                                    logname
 HEAD                                   logresolve
 POST                                   look
 UnicodeNameMappingGenerator-17         ls
 X11                                    lsattr


theia@theia-yusraakhan20:/home/project$ sudo apt update
Get:2 https://download.docker.com/linux/ubuntu jammy InRelease [48.8 kB]
Get:1 https://apt.llvm.org/jammy llvm-toolchain-jammy-17 InRelease [6833 B]
Get:4 https://deb.nodesource.com/node_19.x jammy InRelease [4563 B]
Get:5 https://packages.microsoft.com/ubuntu/22.04/prod jammy InRelease [3632 B]
Get:6 https://download.docker.com/linux/ubuntu jammy/stable amd64 Packages [44.
0 kB]
Get:7 http://security.ubuntu.com/ubuntu jammy-security InRelease [129 kB]
Get:8 http://archive.ubuntu.com/ubuntu jammy InRelease [270 kB]
Get:9 https://apt.llvm.org/jammy llvm-toolchain-jammy-17/main amd64 Packages [1
2.4 kB]
Get:10 https://deb.nodesource.com/node_19.x jammy/main amd64 Packages [773 B]
Get:11 https://packages.microsoft.com/ubuntu/22.04/prod jammy/main amd64 Packag
es [164 kB]
Get:12 https://packages.microsoft.com/ubuntu/22.04/prod jammy/main arm64 Packag
es [40.1 kB]
```

```
64 Packages [62.3 kB]
Fetched 34.1 MB in 3s (12.4 MB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
All packages are up to date.
theia@thei
a-yusraakh
an20:/home
theia@theia-yusraakhan20:/home/project$ ^C
theia@theia-yusraakhan20:/home/project$ sudo apt upgrade nano
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
nano is already the newest version (6.2-1).
Calculating upgrade... Done
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.


theia@theia-yusraakhan20:/home/project$ sudo apt install vim
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libgpm2 vim-common vim-runtime xxd
Suggested packages:
  gpm ctags vim-doc vim-scripts
The following NEW packages will be installed:
  libgpm2 vim vim-common vim-runtime xxd
0 upgraded, 5 newly installed, 0 to remove and 0 not upgraded.
Need to get 8711 kB of archives.
After this operation, 38.3 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://archive.ubuntu.com/ubuntu jammy-updates/main amd64 xxd amd64 2:8.2
.3995-1ubuntu2.17 [53.7 kB]
Get:2 http://archive.ubuntu.com/ubuntu jammy-updates/main amd64 vim-common all
2:8.2.3995-1ubuntu2.17 [81.5 kB]
Get:3 http://archive.ubuntu.com/ubuntu jammy/main amd64 libgpm2 amd64 1.20.7-10
build1 [15.3 kB]
Get:4 http://archive.ubuntu.com/ubuntu jammy-updates/main amd64 vim-runtime all
 2:8.2.3995-1ubuntu2.17 [6827 kB]
Get:5 http://archive.ubuntu.com/ubuntu jammy-updates/main amd64 vim amd64 2:8.2
.3995-1ubuntu2.17 [1734 kB]
Fetched 8711 kB in 1s (8335 kB/s)
debconf: delaying package configuration, since apt-utils is not installed
Selecting previously unselected package xxd.
(Reading database ... 74213 files and directories currently installed.)


theia@theia-yusraakhan20:/home/project$ cd /home/project
theia@theia-yusraakhan20:/home/project$ ls
myprogram.py
theia@theia-yusraakhan20:/home/project$ nano myprogram.py
theia@theia-yusraakhan20:/home/project$ python3 myprogram.py
Learning Linux is fun!
theia@theia-yusraakhan20:/home/project$ ls /usr
bin   games    java  lib32  libexec  local  sbin   src
doc   include  lib   lib64  libx32   man    share
```

```
theia@theia-yusraakhan20:/home/project$ cd /media
theia@theia-yusraakhan20:/media$ cd /home/project
ls
myprogram.py
theia@theia-yusraakhan20:/home/project$ nano myprogram.py
theia@theia-yusraakhan20:/home/project$ python3 myprogram.py
My name is Yusra
theia@theia-yusraakhan20:/home/project$ vi done.py

theia@theia-yusraakhan20:/home/project$ python3 done.py

I am done with the lab!
```