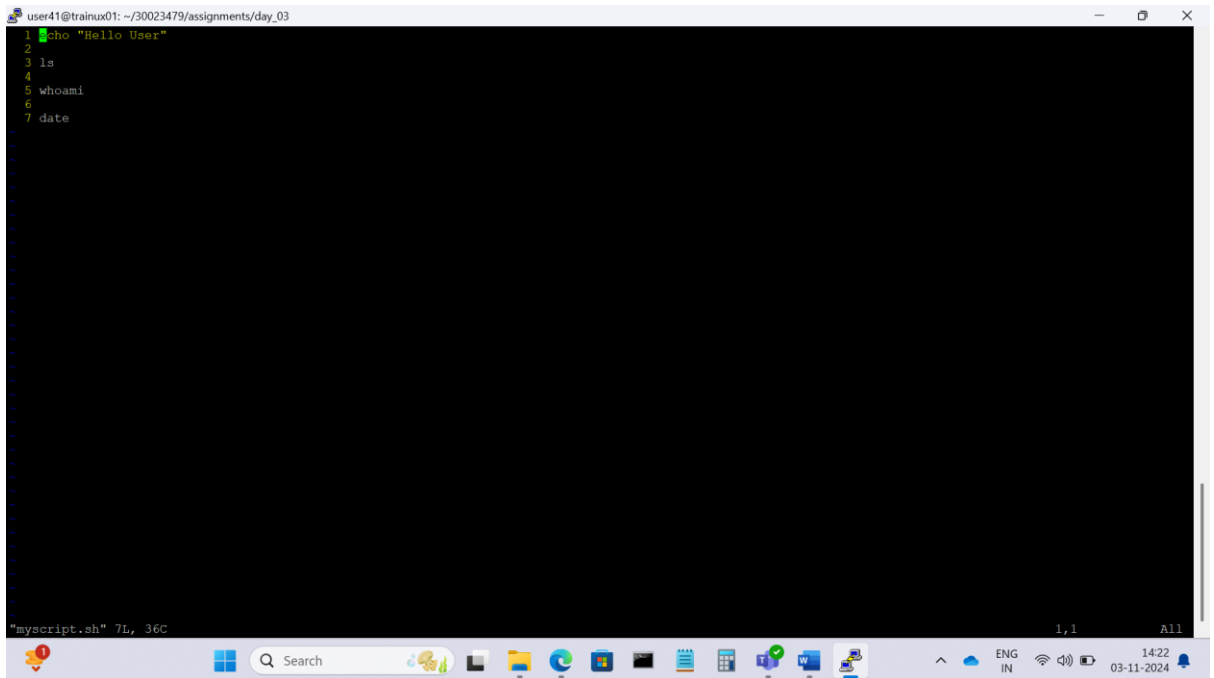


# Shell Script Assignment

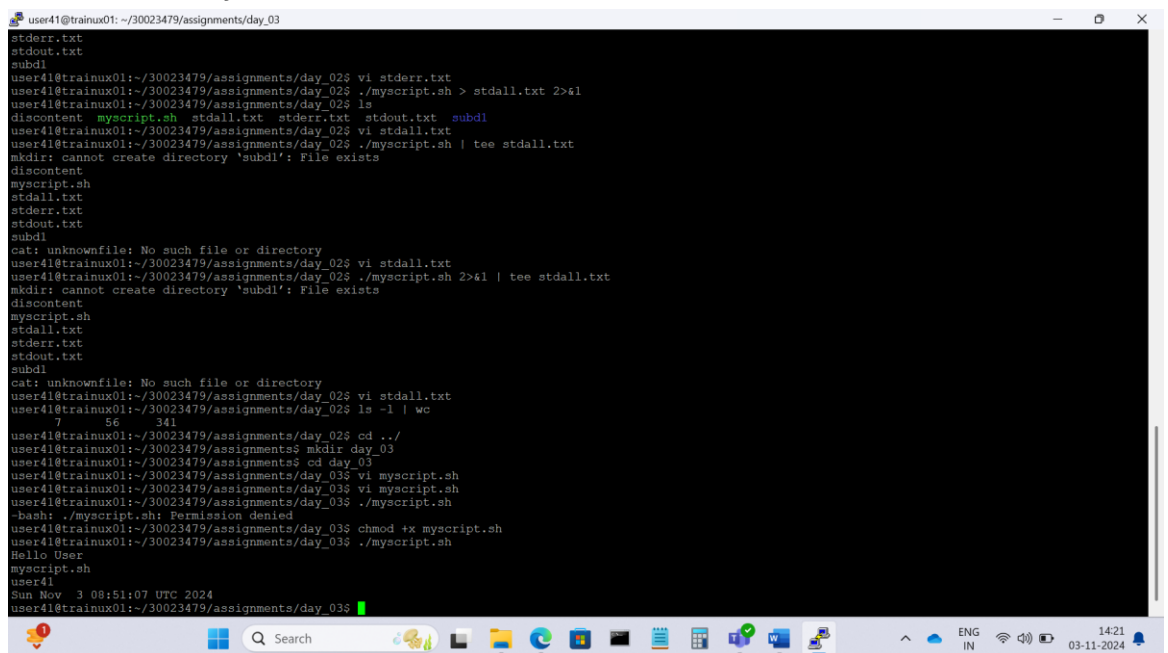
1. Create a script named "myscript" in current directory to do the following.
  - a) display "hello user"
  - b) list files in current directory
  - c) name of logged in user
  - d) date



```
user41@trainux01: ~/30023479/assignments/day_03
1 echo "Hello User"
2
3 ls
4
5 whoami
6
7 date

"myscript.sh" 7L, 36C
```

2. Add execute permission and Run the script from
  - a) current directory



```
user41@trainux01: ~/30023479/assignments/day_03
stderr.txt
stdout.txt
subdl
user41@trainux01:~/30023479/assignments/day_02$ vi stderr.txt
user41@trainux01:~/30023479/assignments/day_02$ ./myscript.sh > stdall.txt 2>&1
user41@trainux01:~/30023479/assignments/day_02$ ls
discontent  myscript.sh  stdall.txt  stderr.txt  stdout.txt  subdl
user41@trainux01:~/30023479/assignments/day_02$ vi stdall.txt
user41@trainux01:~/30023479/assignments/day_02$ ./myscript.sh | tee stdall.txt
mkdir: cannot create directory 'subdl': File exists
discontent
myscript.sh
stdall.txt
stderr.txt
stdout.txt
subdl
cat: unknownfile: No such file or directory
user41@trainux01:~/30023479/assignments/day_02$ vi stdall.txt
user41@trainux01:~/30023479/assignments/day_02$ ./myscript.sh 2>&1 | tee stdall.txt
mkdir: cannot create directory 'subdl': File exists
discontent
myscript.sh
stdall.txt
stderr.txt
stdout.txt
subdl
cat: unknownfile: No such file or directory
user41@trainux01:~/30023479/assignments/day_02$ vi stdall.txt
user41@trainux01:~/30023479/assignments/day_02$ ls -l | wc
 7      56      341
user41@trainux01:~/30023479/assignments/day_02$ cd ../
user41@trainux01:~/30023479/assignments$ mkdir day_03
user41@trainux01:~/30023479/assignments$ cd day_03
user41@trainux01:~/30023479/assignments/day_03$ vi myscript.sh
user41@trainux01:~/30023479/assignments/day_03$ vi myscript.sh
user41@trainux01:~/30023479/assignments/day_03$ ./myscript.sh
-bash: ./myscript.sh: Permission denied
user41@trainux01:~/30023479/assignments/day_03$ chmod +x myscript.sh
user41@trainux01:~/30023479/assignments/day_03$ ./myscript.sh
Hello User
myscript.sh
user41
Sun Nov  3 08:51:07 UTC 2024
user41@trainux01:~/30023479/assignments/day_03$
```

### 3. Create a subdirectory named “test”

```
user41@trainux01: ~/30023479/assignments/day_03
user41@trainux01:~/30023479/assignments/day_02$ ./myscript.sh > stdall.txt 2>&1
user41@trainux01:~/30023479/assignments/day_02$ ls
discontent  myscript.sh  stderr.txt  stdout.txt  subdl
user41@trainux01:~/30023479/assignments/day_02$ vi stdall.txt
user41@trainux01:~/30023479/assignments/day_02$ ./myscript.sh | tee stdall.txt
mkdir: cannot create directory 'subdl': File exists
discontent
myscript.sh
stdall.txt
stderr.txt
stdout.txt
subdl
cat: unknownfile: No such file or directory
user41@trainux01:~/30023479/assignments/day_02$ vi stdall.txt
user41@trainux01:~/30023479/assignments/day_02$ ./myscript.sh 2>&1 | tee stdall.txt
mkdir: cannot create directory 'subdl': File exists
discontent
myscript.sh
stdall.txt
stderr.txt
stdout.txt
subdl
cat: unknownfile: No such file or directory
user41@trainux01:~/30023479/assignments/day_02$ vi stdall.txt
user41@trainux01:~/30023479/assignments/day_02$ ls -l | wc
 7      56      341
user41@trainux01:~/30023479/assignments/day_02$ cd ../
user41@trainux01:~/30023479/assignments$ mkdir day_03
user41@trainux01:~/30023479/assignments$ cd day_03
user41@trainux01:~/30023479/assignments/day_03$ vi myscript.sh
user41@trainux01:~/30023479/assignments/day_03$ vi myscript.sh
user41@trainux01:~/30023479/assignments/day_03$ ./myscript.sh
-bash: ./myscript.sh: Permission denied
user41@trainux01:~/30023479/assignments/day_03$ chmod +x myscript.sh
user41@trainux01:~/30023479/assignments/day_03$ ./myscript.sh
Hello User
myscript.sh
user41
Sun Nov  3 08:51:07 UTC 2024
user41@trainux01:~/30023479/assignments/day_03$ vi myscript.sh
user41@trainux01:~/30023479/assignments/day_03$ mkdir test
user41@trainux01:~/30023479/assignments/day_03$ ls
myscript.sh  test
user41@trainux01:~/30023479/assignments/day_03$
```

### 4. Change to “test” directory. Run the script “myscript” [Hint: You will have to update PATH to include the directory containing script to run script from any location].

```
user41@trainux01: ~/30023479/assignments/day_03/test
subdl
cat: unknownfile: No such file or directory
user41@trainux01:~/30023479/assignments/day_02$ vi stdall.txt
user41@trainux01:~/30023479/assignments/day_02$ ls -l | wc
 7      56      341
user41@trainux01:~/30023479/assignments/day_02$ cd ../
user41@trainux01:~/30023479/assignments$ mkdir day_03
user41@trainux01:~/30023479/assignments$ cd day_03
user41@trainux01:~/30023479/assignments/day_03$ vi myscript.sh
user41@trainux01:~/30023479/assignments/day_03$ vi myscript.sh
user41@trainux01:~/30023479/assignments/day_03$ ./myscript.sh
-bash: ./myscript.sh: Permission denied
user41@trainux01:~/30023479/assignments/day_03$ chmod +x myscript.sh
user41@trainux01:~/30023479/assignments/day_03$ ./myscript.sh
Hello User
myscript.sh
user41
Sun Nov  3 08:51:07 UTC 2024
user41@trainux01:~/30023479/assignments/day_03$ vi myscript.sh
user41@trainux01:~/30023479/assignments/day_03$ mkdir test
user41@trainux01:~/30023479/assignments/day_03$ ls
myscript.sh  test
user41@trainux01:~/30023479/assignments/day_03$ pwd
/home2/user41/30023479/assignments/day_03
user41@trainux01:~/30023479/assignments/day_03$ export PATH="/home2/user41/30023479/assignments/day_03:$PATH"
user41@trainux01:~/30023479/assignments/day_03$ cd test
user41@trainux01:~/30023479/assignments/day_03/test$ ./myscript.sh
-bash: ./myscript.sh: No such file or directory
user41@trainux01:~/30023479/assignments/day_03/test$ ls
user41@trainux01:~/30023479/assignments/day_03/test$ ls -l
total 0
user41@trainux01:~/30023479/assignments/day_03/test$ myscript
Command 'myscript' not found, did you mean:
  command 'pyscript' from deb python-pyscript
Try: apt install <deb name>
user41@trainux01:~/30023479/assignments/day_03/test$ myscript.sh
Hello User
user41
Sun Nov  3 08:57:48 UTC 2024
user41@trainux01:~/30023479/assignments/day_03/test$
```