SHELL-SCRIPTING-LAB

EXPLORER

SHELL-SCRIPTING-LAB
- assignment 4
- assignment 6
  - assign6.sh
  - output.ext
- assignment 0
- assignment 1
- assignment 2
- assignment 3
- assignment 5
- assignment 8
  - assgn8.pdf U
  - commands.pdf
  - nowcommands.sh
- assignmnet 7
  - assign7.sh
  - assignm7.pdf
  - desktop.ini
  - output7.txt
  - WhatsApp Image 2024-04-11 at 2...
- README.md M

OUTLINE

TIMELINE

README.md M | assign6.sh

assignment 6 > assign6.sh

```bash
#!/bin/bash

# bc - Command-line calculator
echo "5 + 3" | bc

# comm - Compare two sorted files line by line
echo "Comm command output:"
echo "File 1:" > file1.txt
echo "apple" >> file1.txt
echo "banana" >> file1.txt
echo "File 2:" > file2.txt
echo "apple" >> file2.txt
echo "cherry" >> file2.txt
echo "Comm output:"
comm file1.txt file2.txt

# chown - Change file owner and group
touch test.txt
sudo chown root test.txt
sudo chgrp root test.txt

# cron - Schedule tasks to run at specific intervals
echo "Cron jobs:"
crontab -l

# dd - Convert and copy files
dd if=/dev/zero of=testfile bs=1M count=1

# diff - Compare files line by line
echo "Difference between two files:"
echo "File 1:" > file1.txt
echo "apple" >> file1.txt
echo "banana" >> file1.txt
echo "File 2:" > file2.txt
echo "apple" >> file2.txt
echo "cherry" >> file2.txt
diff file1.txt file2.txt

# finger - Display information about system users
finger $USER

# find - Search for files in a directory hierarchy
echo "Find command output:"
find . -name "*.txt"

# ftp - File Transfer Protocol client
echo "FTP is a separate protocol and cannot be demonstrated in a shell script."

# lock - Lock a file to prevent access
touch lockedfile.txt
chmod 000 lockedfile.txt

# ln - Create links between files
ln -s /path/to/sourcefile /path/to/destinationfile

# lp - Print files
echo "Printing file:"
echo "This is a test file for printing." > printfile.txt
```

main* 1↓ 0↑ | Run Testcases | ⊗ 0 ⚠ 0 | 0 | Ln 66, Col 1 | Spaces: 4 | UTF-8 | LF | Shell Script | Llama Coder | Go Live | Tabnine: Sign-in is required | See Tabnine Insights | Prettier

```
Comm command output:
Comm output:
File 1:
    File 2:
        apple
banana
    cherry
Cron jobs:
Difference between two files:
1c1
< File 1:
---
> File 2:
3c3
< banana
---
> cherry
Login: naruto                   Name: naruto
Directory: /home/naruto                 Shell: /usr/bin/zsh
On since Fri Apr  5 11:03 (IST) on tty7 from :0
   22 minutes 14 seconds idle
No mail.
No Plan.
Find command output:
./file1.txt
./printfile.txt
./vialearnfiles/copiedmark.txt
./vialearnfiles/l1.txt
./outputfile.txt
./file2.txt
./test.txt
./lockedfile.txt
./learn/b.txt
FTP is a separate protocol and cannot be demonstrated in a shell script.
Printing file:
is n
```