bash(1) practice

bash(1) practice for CSC420 Operating Systems Spring 2022 Lyon College

Shell warm-up classroom assignment

1. Ask yourself: where am I?

```
pwd
```

2. Go to your home directory

bash
```
cd $HOME
pwd
```

3. Fetch sample.txt from GitHub ([URL](URL))

```
cd $home
wget https://raw.githubusercontent.com/birkenkrahe/os420/main/sample.txt
ls -lH sample.txt
```

4. Display first line of sample.txt - what does the option -v do?

```
head -v --lines=1 sample.txt
```

5. Make subdirectory practice in $home

```
cd $home
mkdir -v practice
ls -ld practice
```

6. Change to ~/home/pi/practice

```
cd /home/pi/practice
pwd
```

7. Move sample.txt as sample._1.txt to current directory

```
cd $HOME/practice
mv -v ../sample.txt sample_1.txt
ls -lH sample*
```

8. Make copy of sample_1.txt and name it sample_2.txt

```
cd $HOME/practice
cp -v sample_1.txt sample_2.txt
ls -lH sample*
```

9. Ascertain that copied files are identical

```
cd $HOME/practice
diff -s sample_1.txt sample_2.txt
```

10. View both files together using `less` and navigate between the displayed files with `:p` and `:n`. Leave `less` with `:q`

```
less sample_1.txt sample_2.txt
```

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[Validate](#)