

# Week Report 6

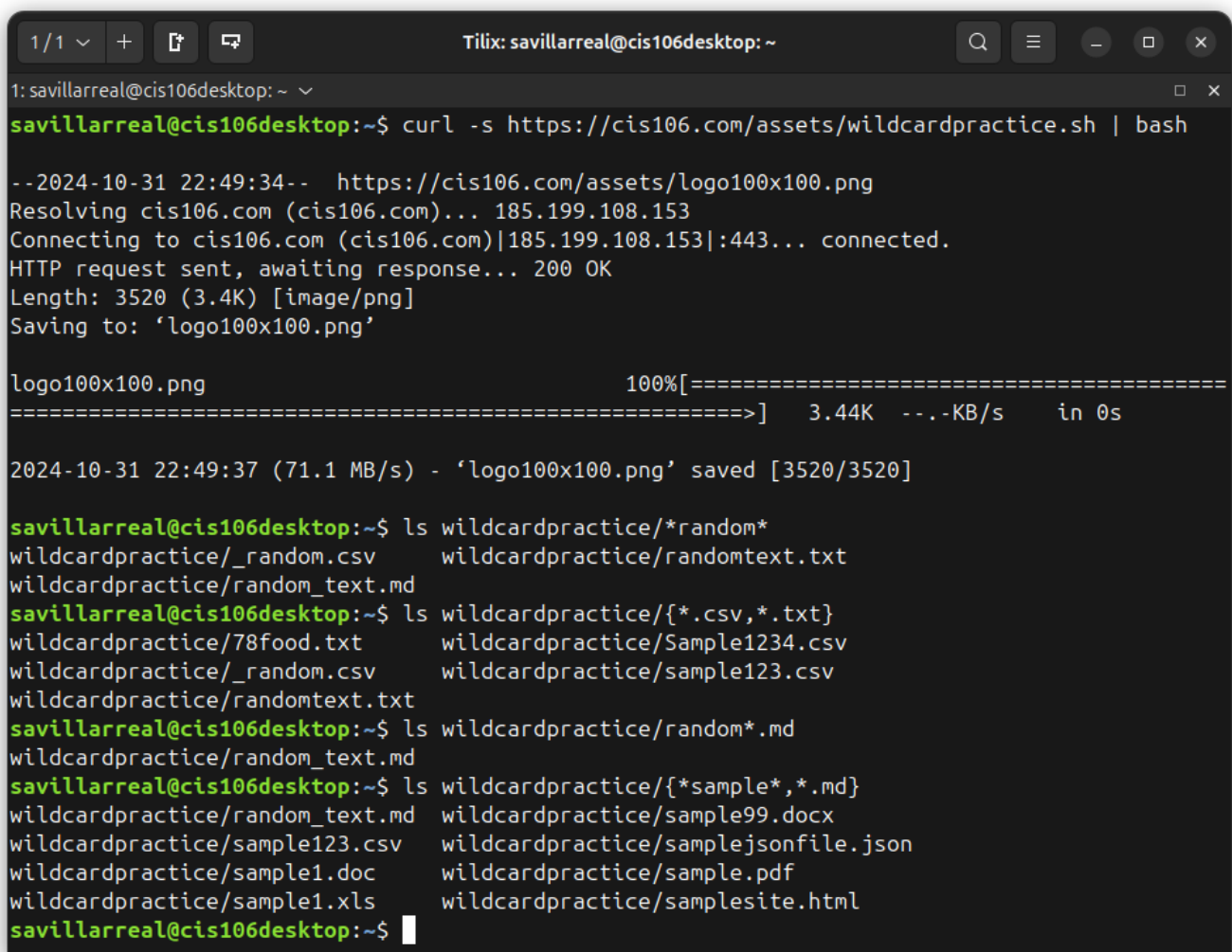
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## Completed work for week 6

- [Lab6](#)
  - [Notes6](#)
- 

## Practice Wildcards

### Practice 1



```
Tilix: savillarreal@cis106desktop: ~
1: savillarreal@cis106desktop: ~
savillarreal@cis106desktop:~$ curl -s https://cis106.com/assets/wildcardpractice.sh | bash

--2024-10-31 22:49:34-- https://cis106.com/assets/logo100x100.png
Resolving cis106.com (cis106.com)... 185.199.108.153
Connecting to cis106.com (cis106.com)|185.199.108.153|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 3520 (3.4K) [image/png]
Saving to: 'logo100x100.png'

logo100x100.png                               100%[=====] 3.44K --.-KB/s   in 0s

2024-10-31 22:49:37 (71.1 MB/s) - 'logo100x100.png' saved [3520/3520]

savillarreal@cis106desktop:~$ ls wildcardpractice/*random*
wildcardpractice/_random.csv      wildcardpractice/randomtext.txt
wildcardpractice/random_text.md

savillarreal@cis106desktop:~$ ls wildcardpractice/{*.csv,*.txt}
wildcardpractice/78food.txt      wildcardpractice/Sample1234.csv
wildcardpractice/_random.csv    wildcardpractice/sample123.csv
wildcardpractice/randomtext.txt

savillarreal@cis106desktop:~$ ls wildcardpractice/random*.md
wildcardpractice/random_text.md

savillarreal@cis106desktop:~$ ls wildcardpractice/{*sample*,*.md}
wildcardpractice/random_text.md  wildcardpractice/sample99.docx
wildcardpractice/sample123.csv   wildcardpractice/samplejsonfile.json
wildcardpractice/sample1.doc     wildcardpractice/sample.pdf
wildcardpractice/sample1.xls     wildcardpractice/samplesite.html

savillarreal@cis106desktop:~$
```

### Practice 2

```
Tilix: savillarreal@cis106desktop: ~
1: savillarreal@cis106desktop: ~
savillarreal@cis106desktop:~$ ls wildcardpractice/*.???
wildcardpractice/2020-08-27-capture.raw  wildcardpractice/book.exe
wildcardpractice/2022-02-02-camera.jpg   wildcardpractice/book.pdf
wildcardpractice/78food.txt               wildcardpractice/book.xml
wildcardpractice/allfiles.lst             wildcardpractice/fail.log
wildcardpractice/Allfiles.lst             wildcardpractice/file.log
wildcardpractice/baik.exe                 wildcardpractice/logo100x100.png
wildcardpractice/baik.pdf                 wildcardpractice/_random.csv
wildcardpractice/baik.xml                 wildcardpractice/randomtext.txt
wildcardpractice/beatk.exe                wildcardpractice/Sample1234.csv
wildcardpractice/beatk.pdf                wildcardpractice/sample123.csv
wildcardpractice/beatk.xml                wildcardpractice/sample1.doc
wildcardpractice/bk.exe                   wildcardpractice/sample1.xls
wildcardpractice/bk.pdf                   wildcardpractice/sample.pdf
wildcardpractice/bk.xml                   wildcardpractice/Sample.pdf
savillarreal@cis106desktop:~$ ls wildcardpractice/.??*
wildcardpractice/.bash_history  wildcardpractice/.hidden2.doc
wildcardpractice/.hidden1.doc  wildcardpractice/.hidden2.py
wildcardpractice/.hidden1.py   wildcardpractice/.hiddenFile.txt
savillarreal@cis106desktop:~$ ls wildcardpractice/b??*.???
wildcardpractice/baik.exe  wildcardpractice/beatk.exe  wildcardpractice/book.exe
wildcardpractice/baik.pdf  wildcardpractice/beatk.pdf  wildcardpractice/book.pdf
wildcardpractice/baik.xml  wildcardpractice/beatk.xml  wildcardpractice/book.xml
savillarreal@cis106desktop:~$ ls wildcardpractice/sample?.*
wildcardpractice/sample1.doc  wildcardpractice/sample1.xls
savillarreal@cis106desktop:~$ ls wildcardpractice/.??*.??
wildcardpractice/.hidden1.py  wildcardpractice/.hidden2.py
savillarreal@cis106desktop:~$
```

## Practice 3

```
Tilix: savillarreal@cis106desktop: ~  
1: savillarreal@cis106desktop: ~  
savillarreal@cis106desktop:~$ ls wilddcardpractice/[a-z]*.???  
wilddcardpractice/allfiles.lst  wilddcardpractice/bk.exe  wilddcardpractice/file.log  
wilddcardpractice/baik.exe  wilddcardpractice/bk.pdf  wilddcardpractice/logo100x100.png  
wilddcardpractice/baik.pdf  wilddcardpractice/bk.xml  wilddcardpractice/randomtext.txt  
wilddcardpractice/baik.xml  wilddcardpractice/book.exe  wilddcardpractice/sample123.csv  
wilddcardpractice/beatk.exe  wilddcardpractice/book.pdf  wilddcardpractice/sample1.doc  
wilddcardpractice/beatk.pdf  wilddcardpractice/book.xml  wilddcardpractice/sample1.xls  
wilddcardpractice/beatk.xml  wilddcardpractice/fail.log  wilddcardpractice/sample.pdf  
savillarreal@cis106desktop:~$ ls wilddcardpractice/[A-Z]*[0-9]*.*  
wilddcardpractice/Sample1234.csv  
savillarreal@cis106desktop:~$ ls wilddcardpractice/[0-9][0-9][0-9][0-9]*  
wilddcardpractice/2020-08-27-capture.raw  wilddcardpractice/2022-02-02-camera.jpg  
wilddcardpractice/2021-04-10-screenshot.jpeg  
savillarreal@cis106desktop:~$ ls wilddcardpractice/[!AEIOUaeiou]*  
wilddcardpractice/2020-08-27-capture.raw  wilddcardpractice/fail.log  
wilddcardpractice/2021-04-10-screenshot.jpeg  wilddcardpractice/file.log  
wilddcardpractice/2022-02-02-camera.jpg  wilddcardpractice/logo100x100.png  
wilddcardpractice/78food.txt  wilddcardpractice/_random.csv  
wilddcardpractice/baik.exe  wilddcardpractice/random_text.md  
wilddcardpractice/baik.pdf  wilddcardpractice/randomtext.txt  
wilddcardpractice/baik.xml  wilddcardpractice/Sample1234.csv  
wilddcardpractice/beatk.exe  wilddcardpractice/sample123.csv  
wilddcardpractice/beatk.pdf  wilddcardpractice/sample1.doc  
wilddcardpractice/beatk.xml  wilddcardpractice/sample1.xls  
wilddcardpractice/bk.exe  wilddcardpractice/sample99.docx  
wilddcardpractice/bk.pdf  wilddcardpractice/samplejsonfile.json  
wilddcardpractice/bk.xml  wilddcardpractice/sample.pdf  
wilddcardpractice/book.exe  wilddcardpractice/Sample.pdf  
wilddcardpractice/book.pdf  wilddcardpractice/samplesite.html  
wilddcardpractice/book.xml  
2: savillarreal@cis106desktop: ~  
savillarreal@cis106desktop:~$ ls wilddcardpractice/[[:punct:]]*  
wilddcardpractice/_random.csv  
savillarreal@cis106desktop:~$
```

## Practice 4

```
Tilix: savillarreal@cis106desktop: ~  
1: savillarreal@cis106desktop: ~  
savillarreal@cis106desktop:~$ mkdir -pv music/{jazz,rock}/{mp3files,videos,oggfiles}/new  
mkdir: created directory 'music'  
mkdir: created directory 'music/jazz'  
mkdir: created directory 'music/jazz/mp3files'  
mkdir: created directory 'music/jazz/mp3files/new'  
mkdir: created directory 'music/jazz/videos'  
mkdir: created directory 'music/jazz/videos/new'  
mkdir: created directory 'music/jazz/oggfiles'  
mkdir: created directory 'music/jazz/oggfiles/new'  
mkdir: created directory 'music/rock'  
mkdir: created directory 'music/rock/mp3files'  
mkdir: created directory 'music/rock/mp3files/new'  
mkdir: created directory 'music/rock/videos'  
mkdir: created directory 'music/rock/videos/new'  
mkdir: created directory 'music/rock/oggfiles'  
mkdir: created directory 'music/rock/oggfiles/new'  
savillarreal@cis106desktop:~$
```

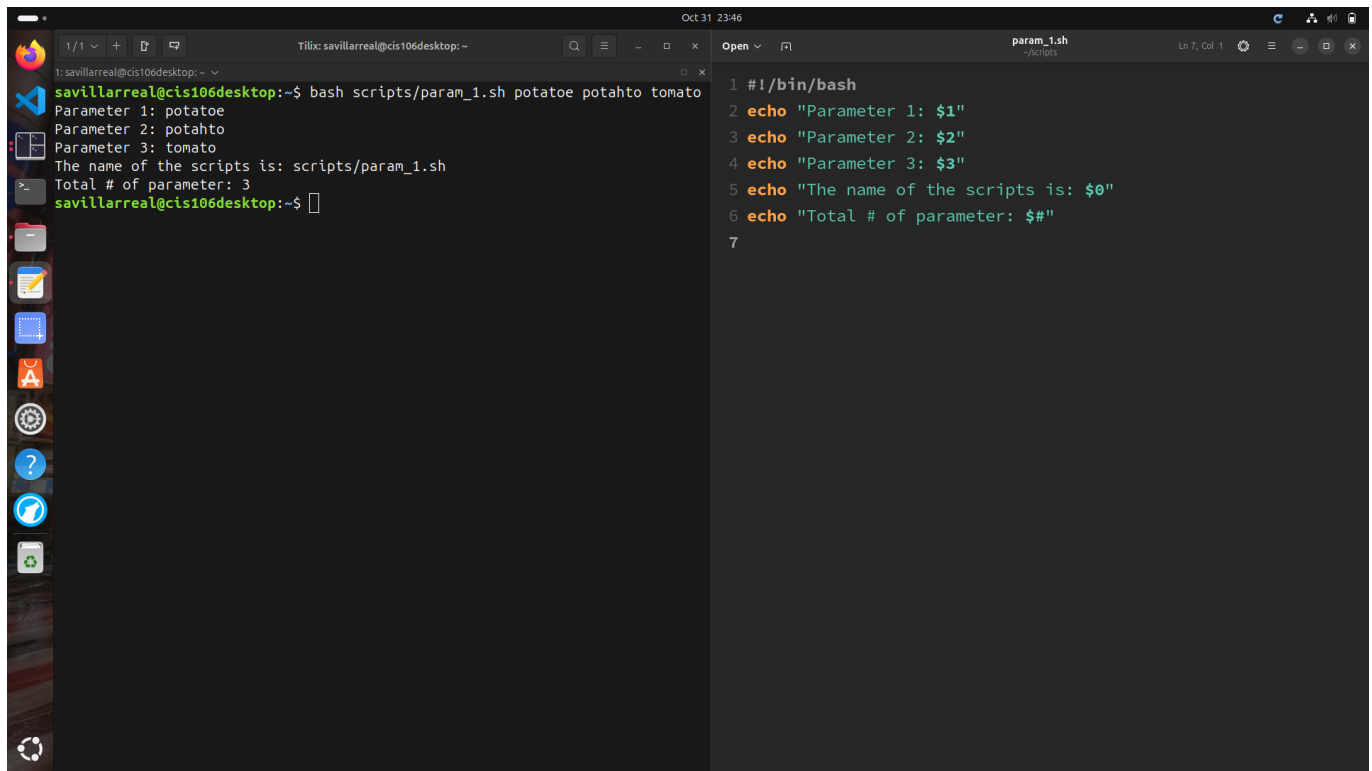
## Practice 5

```
Tilix: savillarreal@cis106desktop: ~  
1: savillarreal@cis106desktop: ~  
savillarreal@cis106desktop:~$ mkdir -pv ~/Videos/myMovies  
mkdir: created directory '/home/savillarreal/Videos/myMovies'  
savillarreal@cis106desktop:~$ touch Videos/myMovies/{list.txt,ice_age.mp4,playlist.lst}  
2: savillarreal@cis106desktop: ~  
savillarreal@cis106desktop:~$ tree Videos/myMovies/  
Videos/myMovies/  
├── ice_age.mp4  
├── list.txt  
└── playlist.lst  
  
1 directory, 3 files  
savillarreal@cis106desktop:~$
```

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## Practice SHELL SCRIPTING

### Practice 6



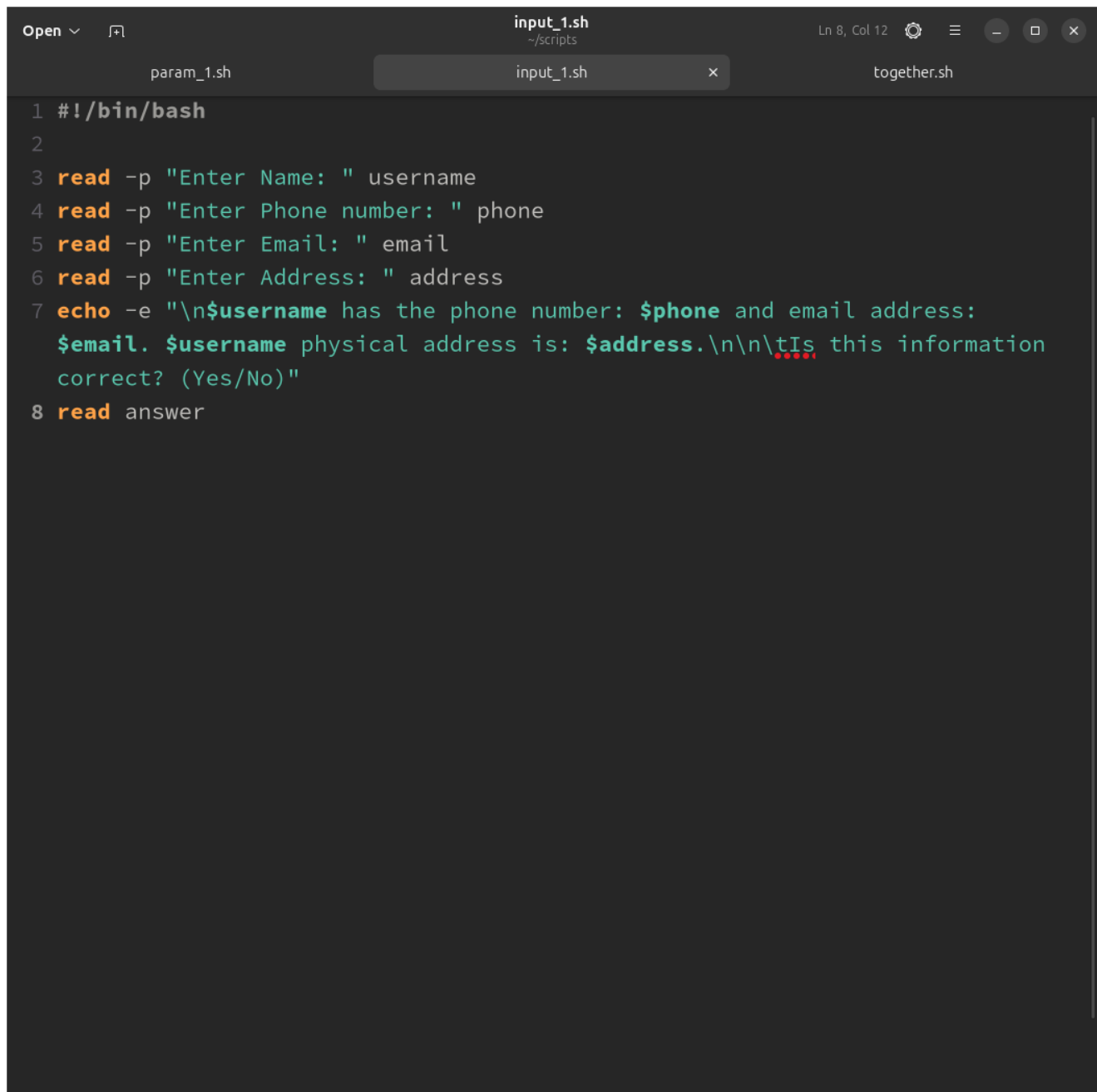
The screenshot shows a terminal window with two panes. The left pane displays the execution of a script named `param_1.sh` with three arguments: `potatoe`, `potahito`, and `tomato`. The script's output is as follows:

```
savillarreal@cis106desktop:~$ bash scripts/param_1.sh potatoe potahto tomato
Parameter 1: potatoe
Parameter 2: potahto
Parameter 3: tomato
The name of the scripts is: scripts/param_1.sh
Total # of parameter: 3
savillarreal@cis106desktop:~$
```

The right pane shows the source code of the script `param_1.sh`:

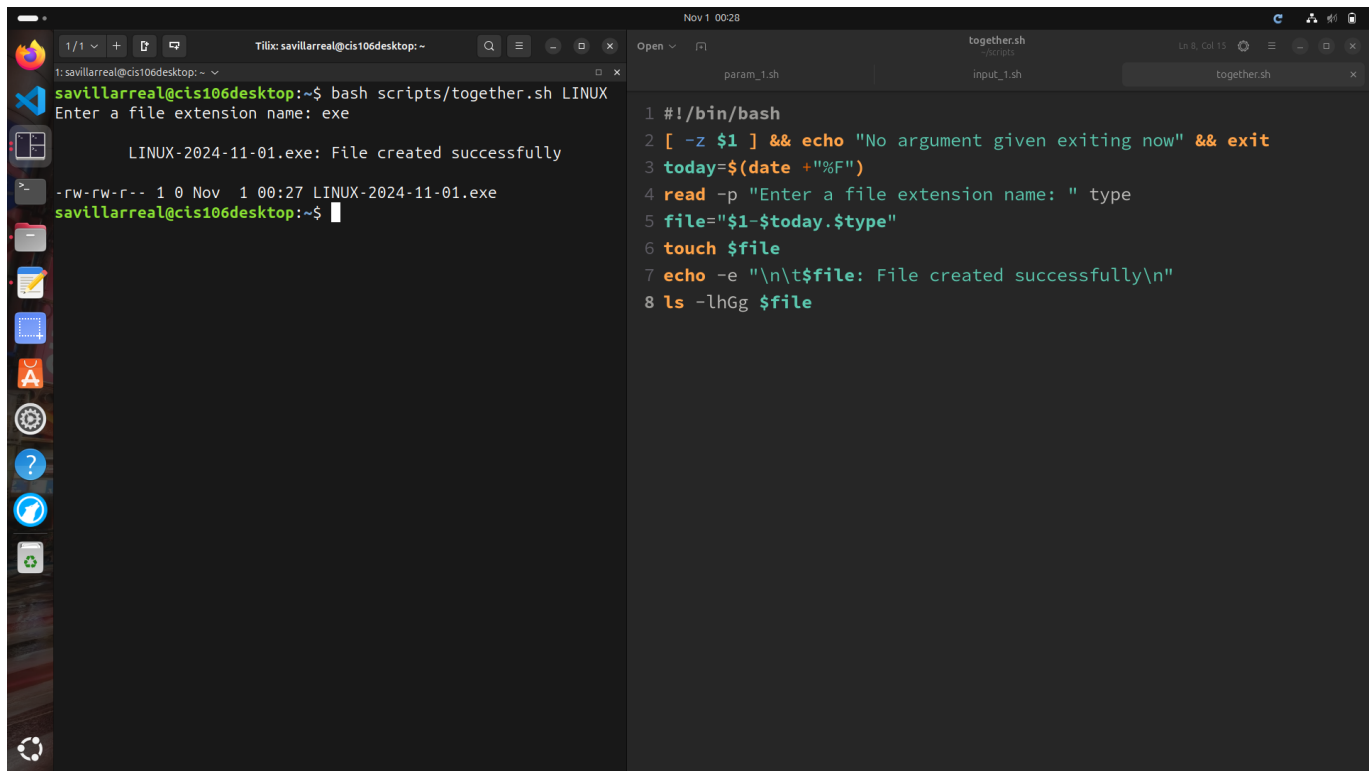
```
1 #!/bin/bash
2 echo "Parameter 1: $1"
3 echo "Parameter 2: $2"
4 echo "Parameter 3: $3"
5 echo "The name of the scripts is: $0"
6 echo "Total # of parameter: $#"
```

## Practice 7



```
1 #!/bin/bash
2
3 read -p "Enter Name: " username
4 read -p "Enter Phone number: " phone
5 read -p "Enter Email: " email
6 read -p "Enter Address: " address
7 echo -e "\n$username has the phone number: $phone and email address:
  $email. $username physical address is: $address.\n\n\tIs this information
  correct? (Yes/No)"
8 read answer
```

## Practice 8



The screenshot shows a terminal window with a dark background. The prompt is `savillarreal@cis106desktop: ~`. The user has run `bash scripts/together.sh LINUX`. The script prompts for a file extension name, and the user has entered `exe`. The script has successfully created a file named `LINUX-2024-11-01.exe`. The file's permissions are `-rw-rw-r--`, and it was created on `Nov 1 00:27`. The script's source code is displayed on the right side of the terminal window.

```
1 #!/bin/bash
2 [ -z $1 ] && echo "No argument given exiting now" && exit
3 today=$(date +%F)
4 read -p "Enter a file extension name: " type
5 file="$1-$today.$type"
6 touch $file
7 echo -e "\n\t$file: File created successfully\n"
8 ls -lhGg $file
```