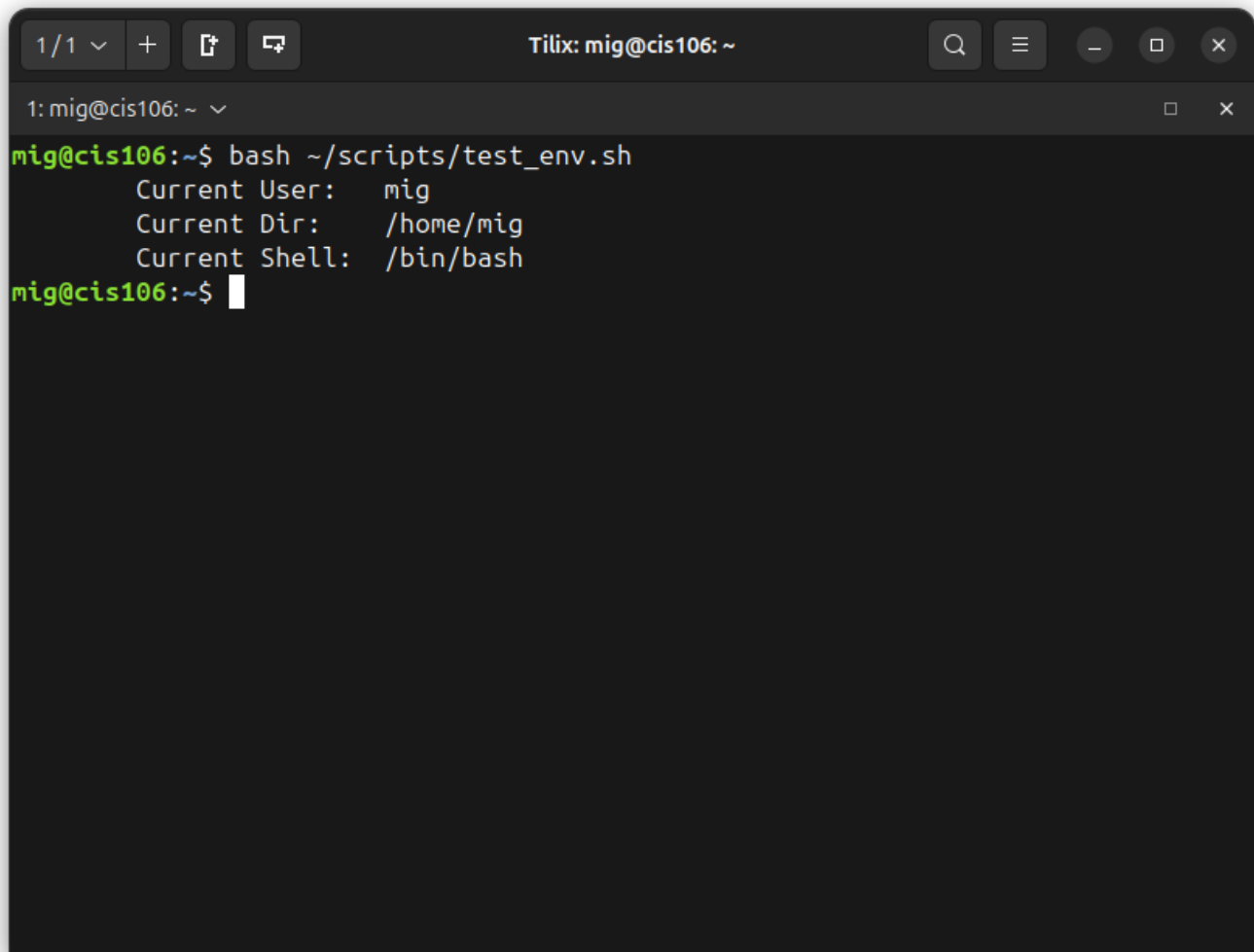


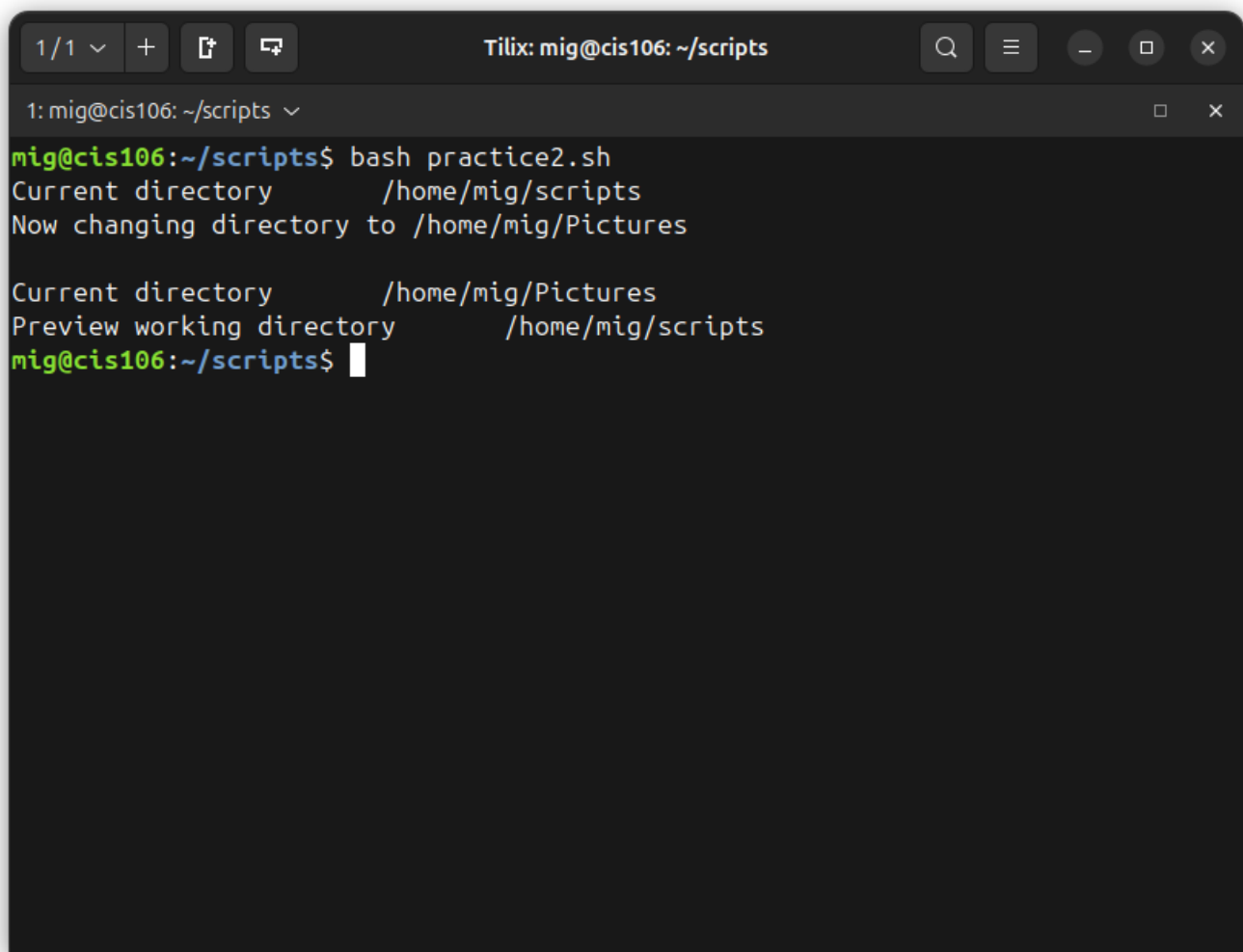
Extra Credit 4: Bash Variables

Question 1



```
Tilix: mig@cis106: ~  
1: mig@cis106: ~  
mig@cis106:~$ bash ~/scripts/test_env.sh  
Current User:  mig  
Current Dir:   /home/mig  
Current Shell: /bin/bash  
mig@cis106:~$
```

Question 2

A terminal window titled 'Tilix: mig@cis106: ~/scripts' with standard window controls. The terminal shows the execution of 'bash practice2.sh', which outputs the current directory as '/home/mig/scripts' and the new directory as '/home/mig/Pictures'. It also shows the preview working directory as '/home/mig/scripts'. The prompt returns to 'mig@cis106:~/scripts\$' with a cursor.

```
1/1  +  [copy] [paste]  Tilix: mig@cis106: ~/scripts  [search] [menu] [back] [close]
1: mig@cis106: ~/scripts  [close]
mig@cis106:~/scripts$ bash practice2.sh
Current directory      /home/mig/scripts
Now changing directory to /home/mig/Pictures

Current directory      /home/mig/Pictures
Preview working directory /home/mig/scripts
mig@cis106:~/scripts$
```

Question 3 part 1

```
1/1 v + [ ] [ ] Tilix: mig@cis106: ~/scripts
1: mig@cis106: ~/scripts v
mig@cis106:~/scripts$ bash practice3.sh
-----
New User's Information:
-----
Name:    bob
Age:     45
Addr:    123 main street
Email:   bob@gmail.com
Phone:   113-222-4433
-----
mig@cis106:~/scripts$
```

Question 3 part 2

```
1/1 v + [ ] [ ] Tilix: mig@cis106: ~/scripts
1: mig@cis106: ~/scripts v
mig@cis106:~/scripts$ bash practice4.sh
The current directory: /home/mig/scripts.
Changing to /home/mig/Pictures
LOG: The pwd has been changed
/home/mig/Pictures
LOG: The pwd has been changed
Current PWD: /home/mig/Documents
Previous PWD: /home/mig/Pictures

/home/mig/Documents:
total 48K
-rw-rw-r-- 1 286 Mar 12 18:32 'bin bash name bob age.sh'
drwxrwxr-x 2 4.0K Apr 17 17:58 Books
drwxrwxr-x 2 4.0K Apr 15 17:28 Csv
-rw-rw-r-- 1 2 Apr 24 11:31 GetStorage.bak
-rw-rw-r-- 1 2 Apr 24 11:31 GetStorage.gs
-rw-rw-r-- 1 253 Feb 9 19:01 'glt commands bk'
drwxrwxr-x 2 4.0K Apr 3 18:06 important_documents
drwxrwxr-x 2 4.0K Apr 14 15:15 Json
drwxrwxr-x 2 4.0K Apr 3 18:27 project_alpha
-rw-rw-r-- 1 0 Apr 3 18:06 secret.pdf
-rw-rw-r-- 1 156 Apr 14 15:12 todo.md

/home/mig/Pictures:
total 1.0M
-rw-rw-r-- 1 954K Feb 24 20:25 activityclass.png
drwxrwxr-x 3 4.0K Feb 27 18:47 animals
-rw-rw-r-- 1 8.5K Feb 27 18:45 bg.png
drwxrwxr-x 2 4.0K Apr 5 15:57 lab5wallpapers
drwxrwxr-x 2 4.0K Feb 27 18:46 Screenshots
-rw-rw-r-- 1 40K Feb 27 18:45 script-output.png
drwxrwxr-x 2 4.0K Feb 27 18:46 wallpapers
mig@cis106:~/scripts$
```