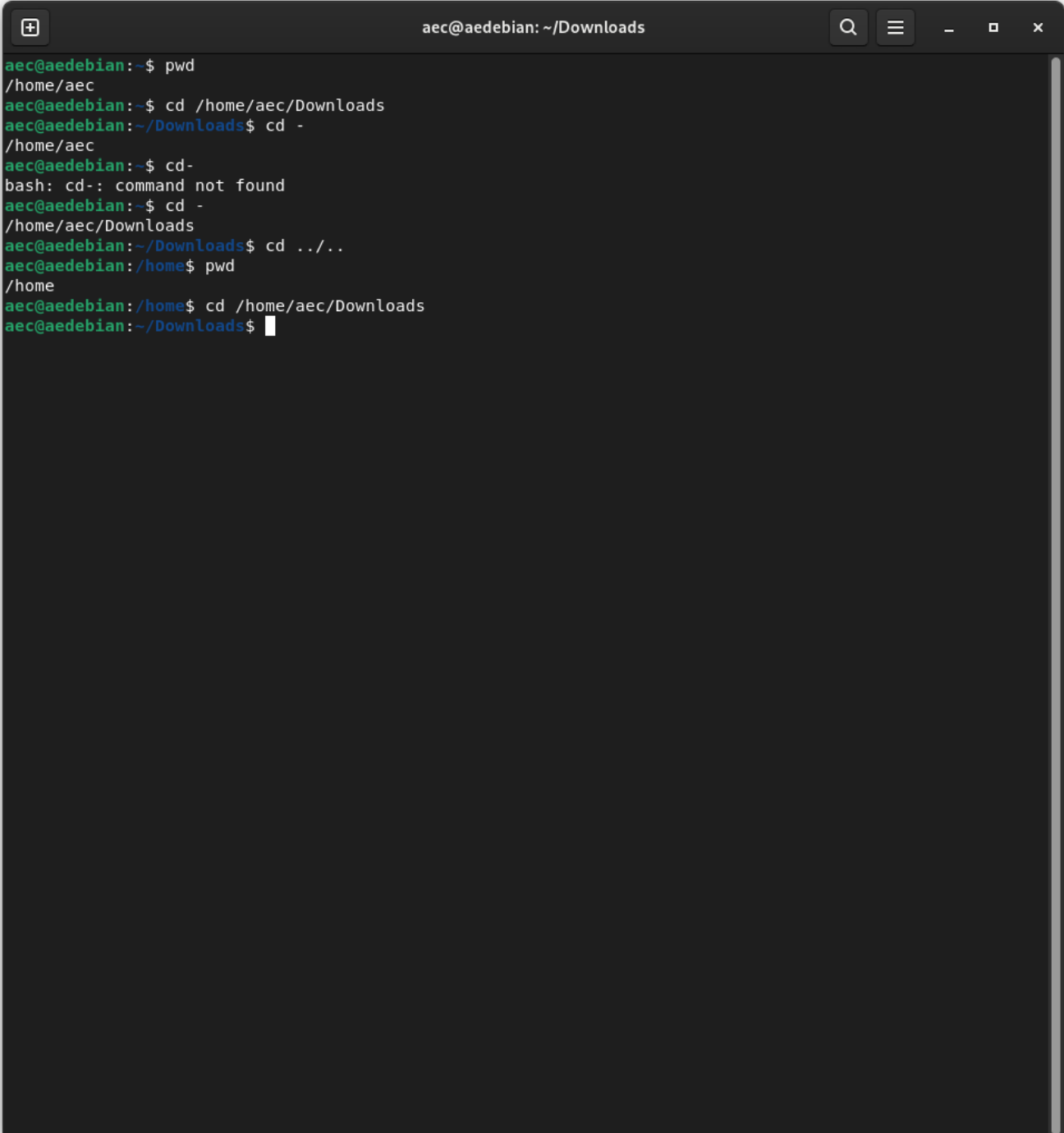


Week Report 5

Practice 1



```
aec@a Debian: ~/Downloads
aec@a Debian: ~$ pwd
/home/aec
aec@a Debian: ~$ cd /home/aec/Downloads
aec@a Debian: ~/Downloads$ cd -
/home/aec
aec@a Debian: ~$ cd-
bash: cd-: command not found
aec@a Debian: ~$ cd -
/home/aec/Downloads
aec@a Debian: ~/Downloads$ cd ../../
aec@a Debian: /home$ pwd
/home
aec@a Debian: /home$ cd /home/aec/Downloads
aec@a Debian: ~/Downloads$
```

Practice 2

```

aec@aedebian: ~/practicels
-rw-rw-r-- 1 aec aec 163057 Feb 27 2022 history-debian.pdf
-rw-rw-r-- 1 aec aec 111383 Feb 22 2022 homework.docx
-rw-rw-r-- 1 aec aec 1570024 Feb 27 2022 movie.mp4
-rw-rw-r-- 1 aec aec 284042 Feb 27 2022 people.csv
-rw-rw-r-- 1 aec aec 764176 Feb 27 2022 song.mp3
-rw-rw-r-- 1 aec aec 21314 Feb 27 2022 tux-nobg.png
-rw-rw-r-- 1 aec aec 44299 Jan 31 2020 tux-penguin.gif
aec@aedebian: ~/practicels$ ls -lh
total 2.9M
-rw-rw-r-- 1 aec aec 1.1K Feb 27 2022 book.txt
-rw-rw-r-- 1 aec aec 24K Feb 27 2022 countries.xml
-rw-rw-r-- 1 aec aec 160K Feb 27 2022 history-debian.pdf
-rw-rw-r-- 1 aec aec 189K Feb 22 2022 homework.docx
-rw-rw-r-- 1 aec aec 1.5M Feb 27 2022 movie.mp4
-rw-rw-r-- 1 aec aec 278K Feb 27 2022 people.csv
-rw-rw-r-- 1 aec aec 747K Feb 27 2022 song.mp3
-rw-rw-r-- 1 aec aec 21K Feb 27 2022 tux-nobg.png
-rw-rw-r-- 1 aec aec 44K Jan 31 2020 tux-penguin.gif
aec@aedebian: ~/practicels$ ls -lht
total 2.9M
-rw-rw-r-- 1 aec aec 24K Feb 27 2022 countries.xml
-rw-rw-r-- 1 aec aec 278K Feb 27 2022 people.csv
-rw-rw-r-- 1 aec aec 747K Feb 27 2022 song.mp3
-rw-rw-r-- 1 aec aec 1.5M Feb 27 2022 movie.mp4
-rw-rw-r-- 1 aec aec 160K Feb 27 2022 history-debian.pdf
-rw-rw-r-- 1 aec aec 21K Feb 27 2022 tux-nobg.png
-rw-rw-r-- 1 aec aec 1.1K Feb 27 2022 book.txt
-rw-rw-r-- 1 aec aec 189K Feb 22 2022 homework.docx
-rw-rw-r-- 1 aec aec 44K Jan 31 2020 tux-penguin.gif
aec@aedebian: ~/practicels$ ls -lhgs
total 2.9M
-rw-rw-r-- 1 1.5M Feb 27 2022 movie.mp4
-rw-rw-r-- 1 747K Feb 27 2022 song.mp3
-rw-rw-r-- 1 278K Feb 27 2022 people.csv
-rw-rw-r-- 1 160K Feb 27 2022 history-debian.pdf
-rw-rw-r-- 1 109K Feb 22 2022 homework.docx
-rw-rw-r-- 1 44K Jan 31 2020 tux-penguin.gif
-rw-rw-r-- 1 24K Feb 27 2022 countries.xml
-rw-rw-r-- 1 21K Feb 27 2022 tux-nobg.png
-rw-rw-r-- 1 1.1K Feb 27 2022 book.txt
aec@aedebian: ~/practicels$ ls -mr
tux-penguin.gif, tux-nobg.png, song.mp3, people.csv, movie.mp4, homework.docx, history-debian.pdf,
countries.xml, book.txt
aec@aedebian: ~/practicels$ ls -lX
people.csv
homework.docx
tux-penguin.gif
song.mp3
movie.mp4
history-debian.pdf
tux-nobg.png
book.txt
countries.xml
aec@aedebian: ~/practicels$

```

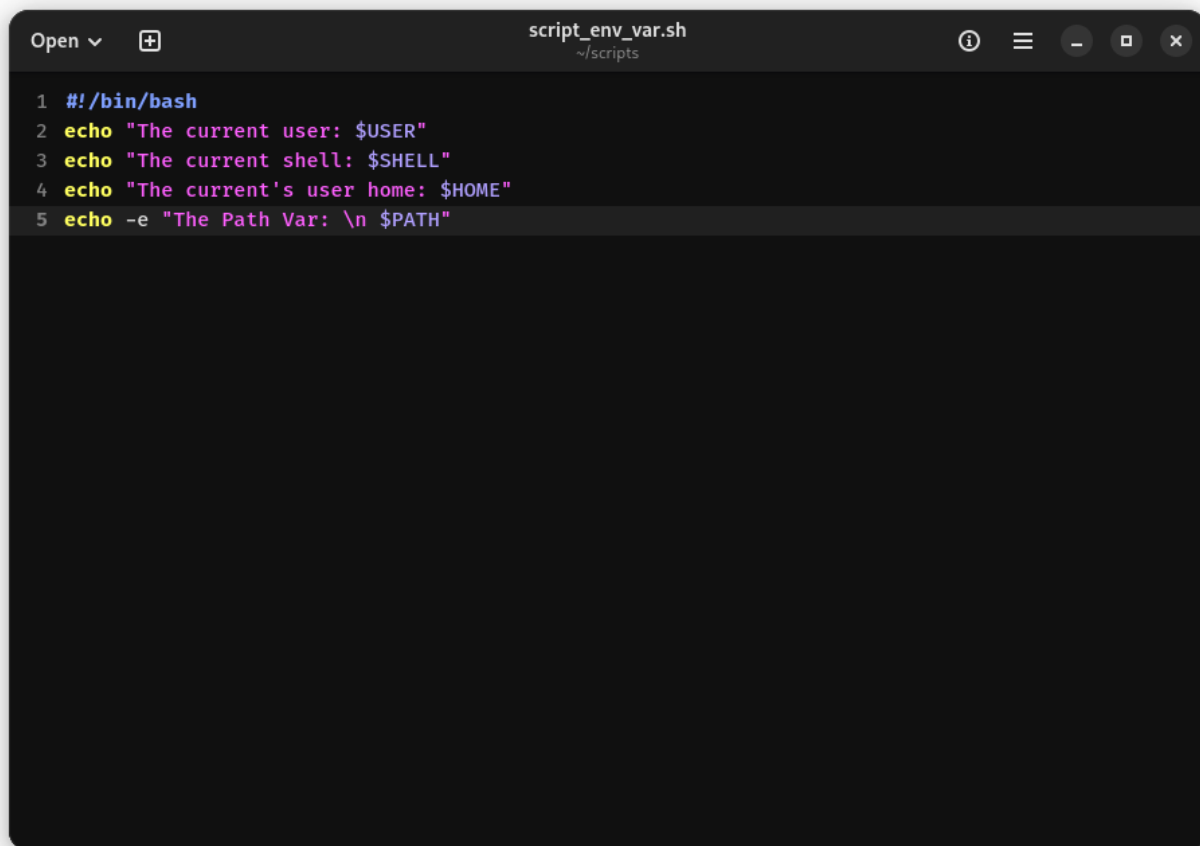
Practice 3

```

aec@aedebian: ~
-rw-rw-r-- 1 aec aec 7.6K Oct 2 13:22 essentials.sh.2
drwxrwxr-x 2 aec aec 4.0K Feb 22 2022 lab5files
drwxrwxr-x 3 aec aec 4.0K Oct 29 16:41 marstenHouse
-rw-rw-r-- 1 aec aec 3.4K Oct 22 18:23 marstenhouse.sh
drwxr-xr-x 2 aec aec 4.0K Oct 7 00:54 Music
drwxr-xr-x 3 aec aec 4.0K Oct 27 20:42 Pictures
drwxrwxr-x 2 aec aec 4.0K Feb 27 2022 practicels
-rw-rw-r-- 1 aec aec 2.2M Oct 29 14:47 practicels.tar.xz
drwxr-xr-x 2 aec aec 4.0K Oct 7 00:54 Public
-rw-rw-r-- 1 aec aec 21K Oct 7 17:29 Screenshot+From+2025-10-02+21-11-55.pdf
-rw-rw-r-- 1 aec aec 37K Oct 7 17:30 Screenshot+From+2025-10-02+21-15-02.pdf
drwxrwxr-x 2 aec aec 4.0K Oct 23 18:47 scripts
drwxr-xr-x 2 aec aec 4.0K Oct 7 00:54 Templates
drwxr-xr-x 2 aec aec 4.0K Oct 7 00:54 Videos
-rwxrwxr-x 1 aec aec 2.5K Oct 2 13:22 vscode.sh
drwxrwxr-x 2 aec aec 4.0K Oct 23 18:44 wallpapers
aec@aedebian: ~$ ls -lgo -full-time~
ls: invalid option -- 'l'
Try 'ls --help' for more information.
aec@aedebian: ~$ ls -lgo -full-time -
ls: invalid option -- '-'
Try 'ls --help' for more information.
aec@aedebian: ~$ ls -lgo -full-time -~C
ls: invalid option -- '~'
Try 'ls --help' for more information.
aec@aedebian: ~$ ls -gs --no-group --time-style=full-iso -
total 2360
20 -rw-rw-r-- 1 19515 2025-10-07 17:29:44.833122572 -0400 'Blackboard Document Rendering.pdf'
4 drwxrwxr-x 6 4096 2025-10-07 01:16:53.910993110 -0400 csi100
4 drwxrwxr-x 7 4096 2025-10-23 16:23:44.593587683 -0400 csi100
4 drwxrwxr-x 2 4096 2025-10-09 18:58:37.634102808 -0400 class_linux_100
4 drwxr-xr-x 2 4096 2025-10-07 00:54:40.956000058 -0400 Desktop
4 drwxr-xr-x 7 4096 2025-10-22 20:20:52.000362364 -0400 Documents
4 drwxr-xr-x 4 4096 2025-10-29 18:51:05.403818265 -0400 Downloads
8 -rwxrwxr-x 1 7747 2025-10-02 13:22:00.000000000 -0400 essentials.sh
8 -rw-rw-r-- 1 7747 2025-10-02 13:22:00.000000000 -0400 essentials.sh.1
8 -rw-rw-r-- 1 7747 2025-10-02 13:22:00.000000000 -0400 essentials.sh.2
4 drwxrwxr-x 2 4096 2022-02-22 14:18:06.000000000 -0500 lab5files
4 drwxrwxr-x 3 4096 2025-10-29 16:41:30.699391498 -0400 marstenHouse
4 -rw-rw-r-- 1 3407 2025-10-22 18:23:49.000000000 -0400 marstenhouse.sh
4 drwxr-xr-x 2 4096 2025-10-07 00:54:40.956000058 -0400 Music
4 drwxr-xr-x 3 4096 2025-10-27 20:42:40.613456194 -0400 Pictures
4 drwxrwxr-x 2 4096 2022-02-27 13:46:18.000000000 -0500 practicels
2180 -rw-rw-r-- 1 2229212 2025-10-29 14:47:35.000000000 -0400 practicels.tar.xz
4 drwxr-xr-x 2 4096 2025-10-07 00:54:40.956000058 -0400 Public
4 -rw-rw-r-- 1 21428 2025-10-07 17:29:19.965182035 -0400 Screenshot+From+2025-10-02+21-11-55.pdf
40 -rw-rw-r-- 1 36977 2025-10-07 17:30:14.381047081 -0400 Screenshot+From+2025-10-02+21-15-02.pdf
4 drwxrwxr-x 2 4096 2025-10-23 18:47:20.617552060 -0400 scripts
4 drwxr-xr-x 2 4096 2025-10-07 00:54:40.956000058 -0400 Templates
4 drwxr-xr-x 2 4096 2025-10-07 00:54:40.956000058 -0400 Videos
4 -rwxrwxr-x 1 2561 2025-10-02 13:22:00.000000000 -0400 vscode.sh
4 drwxrwxr-x 2 4096 2025-10-23 18:44:31.248839328 -0400 wallpapers
aec@aedebian: ~$

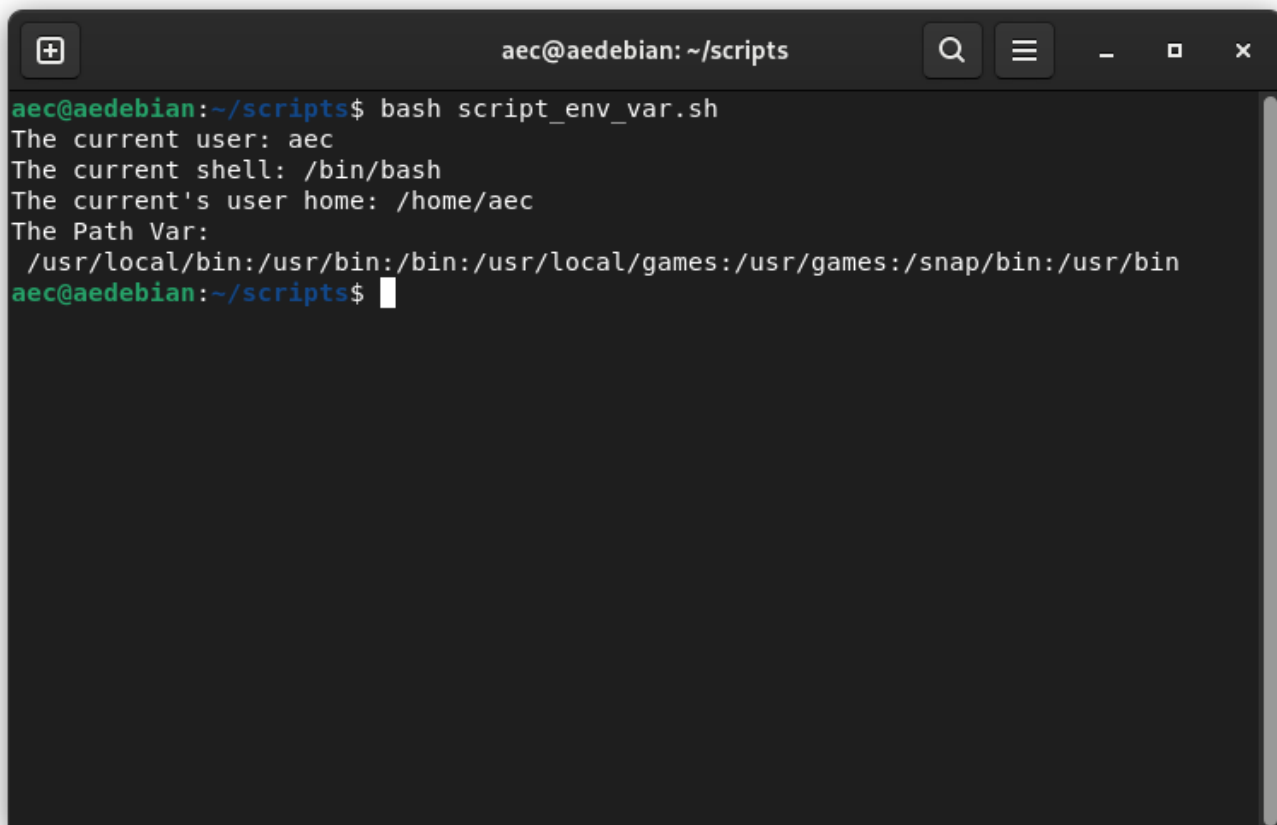
```

Shell Practice 2



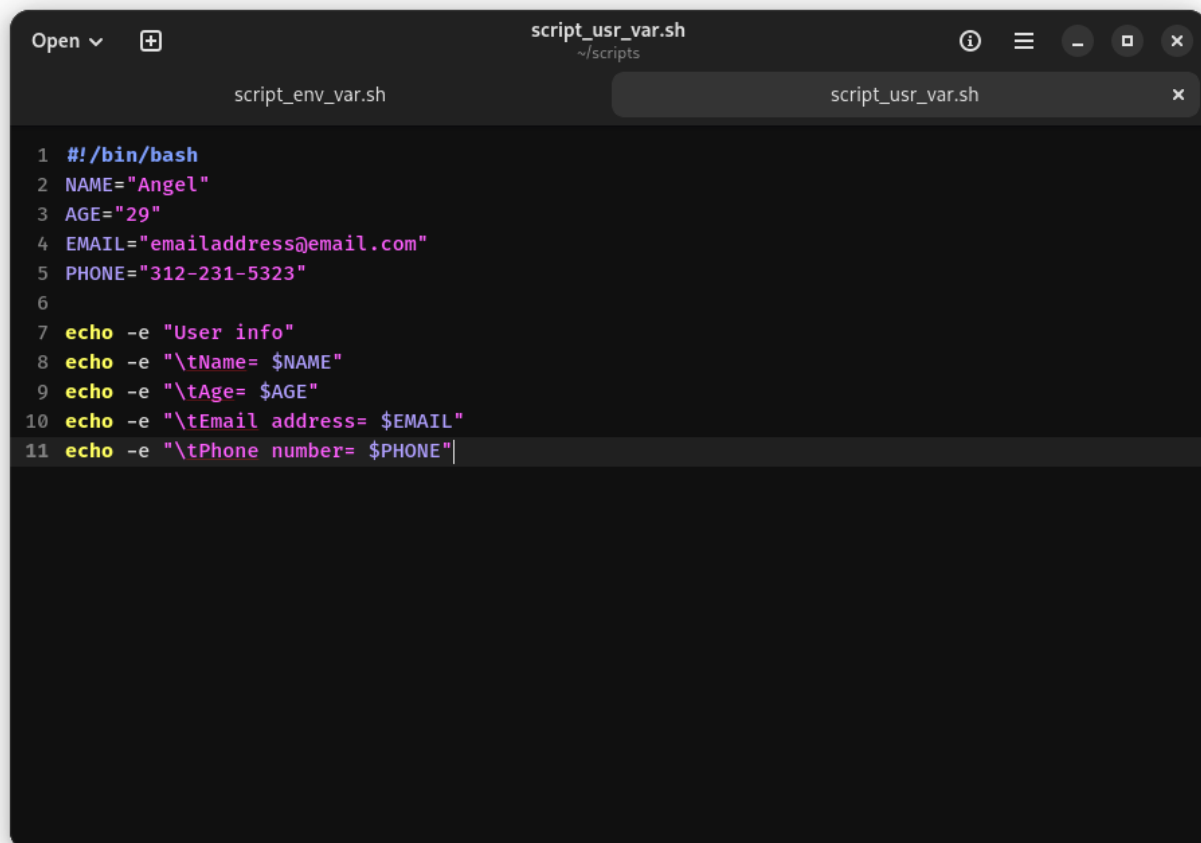
A screenshot of a code editor window titled "script_env_var.sh" with a subtitle "~/scripts". The editor shows five lines of shell script code:

```
1 #!/bin/bash
2 echo "The current user: $USER"
3 echo "The current shell: $SHELL"
4 echo "The current's user home: $HOME"
5 echo -e "The Path Var: \n $PATH"
```



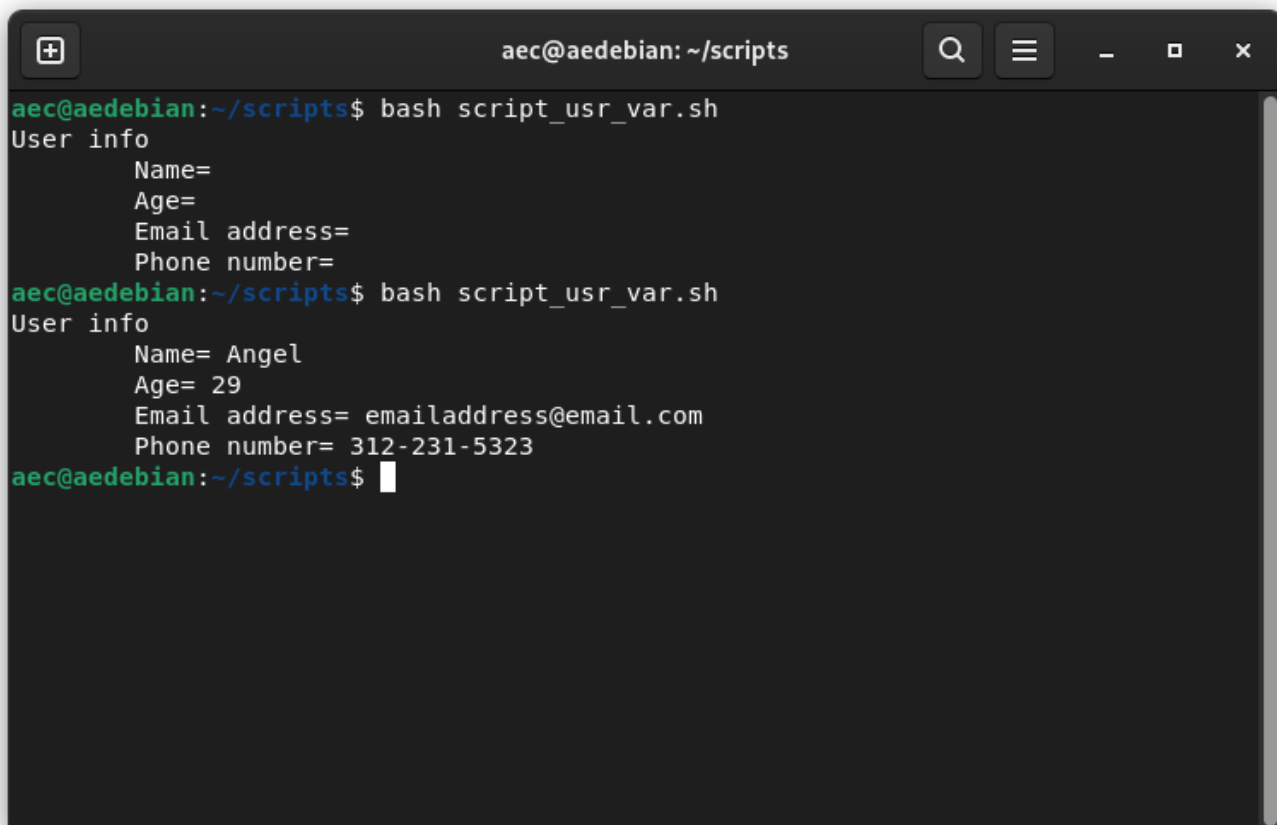
A screenshot of a terminal window titled "aec@aedebian: ~/scripts". The terminal shows the execution of the script "script_env_var.sh". The output is as follows:

```
aec@aedebian:~/scripts$ bash script_env_var.sh
The current user: aec
The current shell: /bin/bash
The current's user home: /home/aec
The Path Var:
/usr/local/bin:/usr/bin:/bin:/usr/local/games:/usr/games:/snap/bin
aec@aedebian:~/scripts$
```



A screenshot of a script editor window titled "script_usr_var.sh" with a subtitle "~/.scripts". The window has a tab bar with two tabs: "script_env_var.sh" and "script_usr_var.sh". The "script_usr_var.sh" tab is active. The script content is as follows:

```
1 #!/bin/bash
2 NAME="Angel"
3 AGE="29"
4 EMAIL="emailaddress@email.com"
5 PHONE="312-231-5323"
6
7 echo -e "User info"
8 echo -e "\tName= $NAME"
9 echo -e "\tAge= $AGE"
10 echo -e "\tEmail address= $EMAIL"
11 echo -e "\tPhone number= $PHONE"
```



A screenshot of a terminal window titled "aec@aedebian: ~/.scripts". The terminal shows the execution of the script "script_usr_var.sh" twice. The first execution shows the output "User info" followed by four blank lines. The second execution shows the output "User info" followed by four lines of user information.

```
aec@aedebian:~/.scripts$ bash script_usr_var.sh
User info
    Name=
    Age=
    Email address=
    Phone number=
aec@aedebian:~/.scripts$ bash script_usr_var.sh
User info
    Name= Angel
    Age= 29
    Email address= emailaddress@email.com
    Phone number= 312-231-5323
aec@aedebian:~/.scripts$
```

LAB 5 LINK:

[LAB 5](#)

NOTES 5 LINK:

[Notes 5](#)