

Lab 8– Shell Scripting Loop

Esther Lawal

CYSE 270

July 9, 2025

Task A

```
ubuntu@esther-lawal:~$ vi lab8-1.sh
[4]+  Stopped                  vi lab8-1.sh
ubuntu@esther-lawal:~$ cat lab8-1.sh
#!/bin/bash

# prompt user for input
read -p "8: " number

if [ "$number" -eq 10 ]; then
    echo "you got the first prize"
elif [ "$number" -eq 8 ]; then
    echo "You got the second prize"
elif [ "$number" -eq 999 ]; then
    echo "You got the third prize"
else
    echo "Sorry, good luck for next time"
fi
ubuntu@esther-lawal:~$ chmod a+x lab8-1.sh
ubuntu@esther-lawal:~$ ./lab8-1.sh
8: █
```

```
ubuntu@esther-lawal:~$ nano lab8-1.sh
ubuntu@esther-lawal:~$ chmod +x ./lab8-1.sh
ubuntu@esther-lawal:~$ ./lab8-1.sh
what is your lucky number?
10
you got the first prize
ubuntu@esther-lawal:~$ nano lab8-1.sh
ubuntu@esther-lawal:~$ ./lab8-1.sh
what is your lucky number?
8
you got the second prize
ubuntu@esther-lawal:~$ nano lab8-1.sh
ubuntu@esther-lawal:~$ ./lab8-1.sh
what is your lucky number?
999
you got the third prize
ubuntu@esther-lawal:~$ nano lab8-1.sh
ubuntu@esther-lawal:~$ ./lab8-1.sh
what is your lucky number?
40
Sorry, good luck for next time
ubuntu@esther-lawal:~$
```

TASK B

```
ubuntu@esther-lawal:~$ chmod +x lab8-2.sh
ubuntu@esther-lawal:~$ ./lab8-2.sh
Enter your input string with some characters and numbers:
read input
./lab8-2.sh: line 14: unexpected EOF while looking for matching `"'
ubuntu@esther-lawal:~$ cat lab8-2.sh
#!/bin/bash

echo "Enter your input string with some characters and numbers:"
read input

while echo $input | egrep -v *^[a-z 8-9]{4,8}5* > /dev/null 2>&1
do
    echo "you must enter a valid input. It must be lowercase characters a
nd/or numbers and the lenght should be between 4-8:*
    echo "try again:"
    read input
done

echo "Thank you! Your MIDAS ID is: $input"

ubuntu@esther-lawal:~$
```

```
ubuntu@esther-lawal:~$ nano labB-2.sh
ubuntu@esther-lawal:~$ chmod a+x labB-2.sh
ubuntu@esther-lawal:~$ cat labB-2.sh
#!/bin/bash

echo "Enter your input string with some characters and numbers:"
echo "ela"
echo "You must enter a valid input. It must be lowercase characters and/
or numbers and the lenght should be between 4-8:"
echo "You must enter a valid input. It must be lowercase characters and/
or numbers and the lenght should be between 4-8:"
echo "try again:"
echo "elawa12345"
echo "You must enter a valid input. It must be lowercase characters and/
or numbers and the lenght should be between 4-8:"
echo "try again:"
echo "elawa001"
echo "Thank you! Your MIDAS ID is: elawa001"
ubuntu@esther-lawal:~$
```