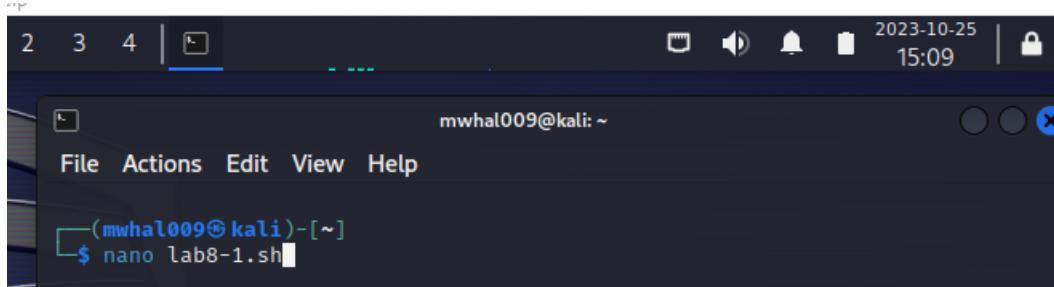
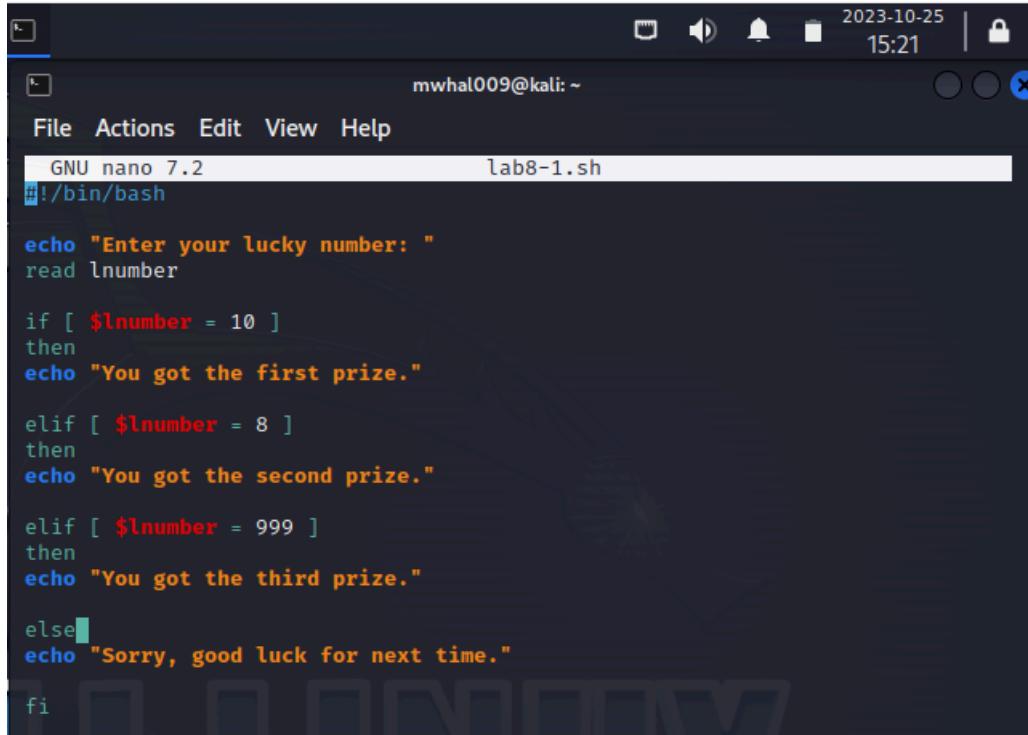


Task-A: Write a shell script lab8-1.sh using vi/nano using **if- elif-else** condition



A screenshot of a terminal window on a Kali Linux desktop. The window title is 'mwhal009@kali: ~'. The menu bar includes 'File', 'Actions', 'Edit', 'View', and 'Help'. The command line shows '\$ nano lab8-1.sh'. The status bar at the top right shows the date and time: 2023-10-25 15:09.



A screenshot of a terminal window showing the content of the 'lab8-1.sh' script. The window title is 'GNU nano 7.2 lab8-1.sh'. The script code is as follows:

```
#!/bin/bash

echo "Enter your lucky number: "
read lnumber

if [ $lnumber = 10 ]
then
echo "You got the first prize."
elif [ $lnumber = 8 ]
then
echo "You got the second prize."
elif [ $lnumber = 999 ]
then
echo "You got the third prize."
else
echo "Sorry, good luck for next time."
fi
```



```
mwhal009@kali:~
```

File Actions Edit View Help

```
(mwhal009@kali)-[~]
$ ./lab8-1.sh
Enter your lucky number:
10
You got the first prize.

(mwhal009@kali)-[~]
$ ./lab8-1.sh
Enter your lucky number:
8
You got the second prize.

(mwhal009@kali)-[~]
$ ./lab8-1.sh
Enter your lucky number:
999
You got the third prize.

(mwhal009@kali)-[~]
$ ./lab8-1.sh
Enter your lucky number:
22
Sorry, good luck for next time.
```

Task-B: Write a shell script lab8-2.sh using vi/nano to validate your input by using egrep command.

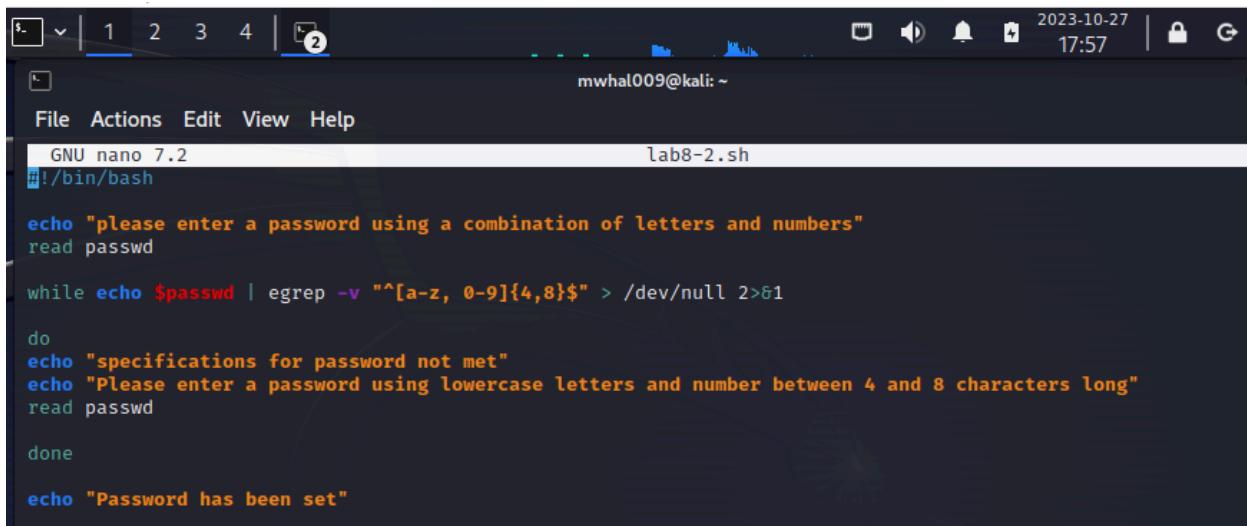


```
mwhal009@kali:~
```

File Actions Edit View Help

```
(mwhal009@kali)-[~]
$ nano lab8-2.sh
```

Creating Script 1/2/3



A screenshot of a terminal window titled 'lab8-2.sh'. The window shows a script being written in nano 7.2. The script content is as follows:

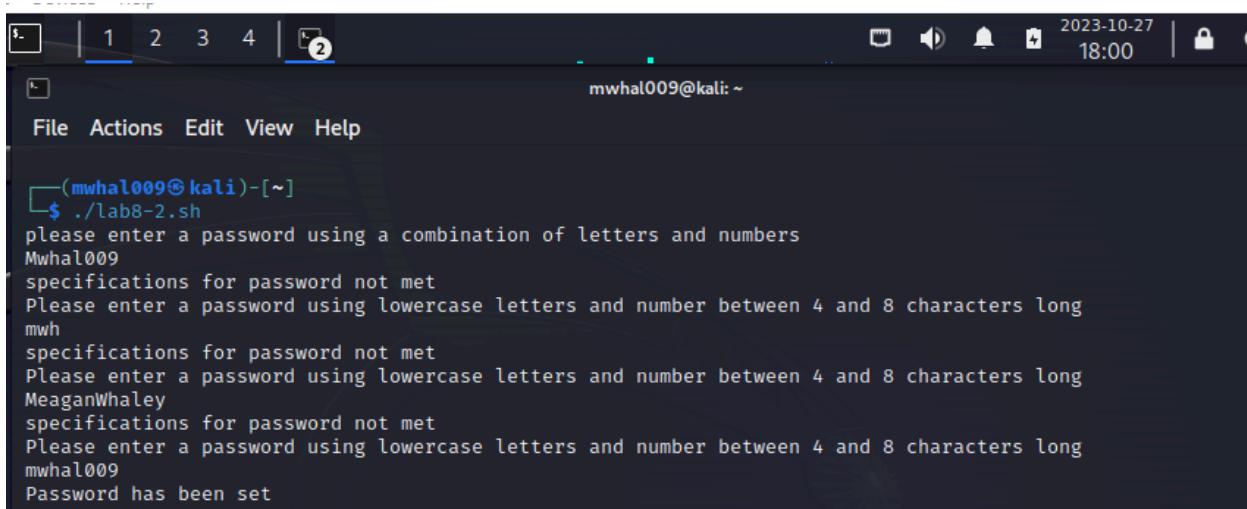
```
GNU nano 7.2
#!/bin/bash

echo "please enter a password using a combination of letters and numbers"
read passwd

while echo $passwd | egrep -v "^[a-z, 0-9]{4,8}$" > /dev/null 2>&1
do
echo "specifications for password not met"
echo "Please enter a password using lowercase letters and number between 4 and 8 characters long"
read passwd
done

echo "Password has been set"
```

Testing Script 1/2/4



A screenshot of a terminal window titled 'mwhal009@kali: ~'. The window shows the execution of the script and its interaction with the user:

```
(mwhal009@kali)-[~]
$ ./lab8-2.sh
please enter a password using a combination of letters and numbers
Mwhal009
specifications for password not met
Please enter a password using lowercase letters and number between 4 and 8 characters long
mwh
specifications for password not met
Please enter a password using lowercase letters and number between 4 and 8 characters long
MeaganWhaley
specifications for password not met
Please enter a password using lowercase letters and number between 4 and 8 characters long
mwhal009
Password has been set
```