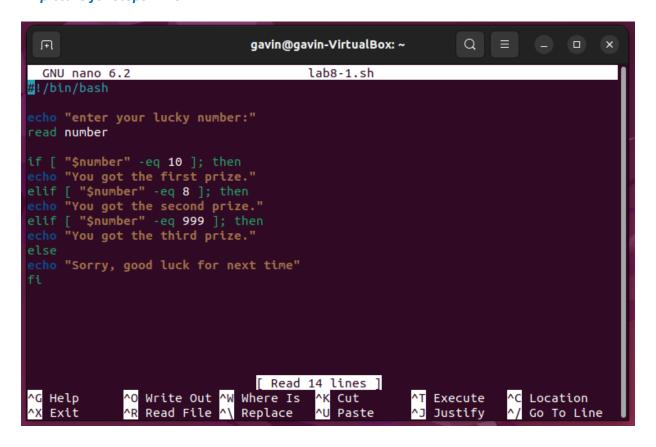
CYSE 270: Linux System for Cybersecurity Lab 8 – Shell Scripting

Task-A: Write a shell script lab8-1.sh using vi/nano using if- elif-else condition, to complete the following steps:

- 1. Prompt the user to input his/her lucky number.
- 2. If the input number is equal to 10, then print the message "You got the first prize."
- 3. If the input number is equal to 8, then print the message "You got the second prize."
- 4. If the input number is equal to 999, then print the message "You got the third prize."
- 5. If None of the above conditions are true, then print the message "Sorry, good Luck for next time."

## \*\* picture for steps 1 - 5 \*\*

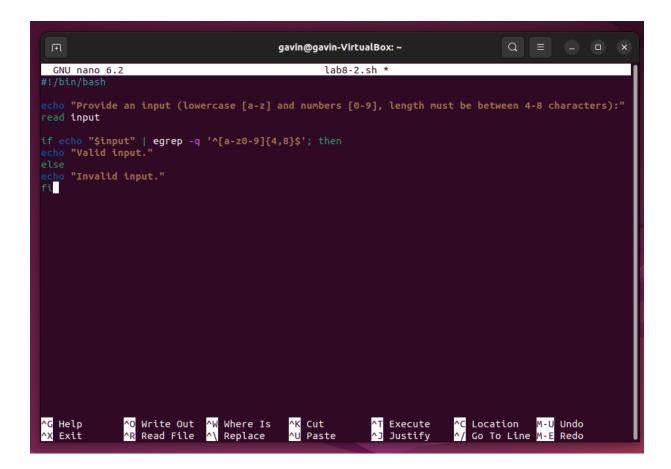


```
Q =
                              gavin@gavin-VirtualBox: ~
gavin@gavin-VirtualBox:~$ nano lab8-1.sh
gavin@gavin-VirtualBox:~$ ls
copyright_cyse270 data
                           Documents lab8-1.sh Pictures snap
gavin@gavin-VirtualBox:~$ chmod +x lab8-1.sh
gavin@gavin-VirtualBox:~$ ./lab8-1.sh
enter your lucky number:
You got the first prize.
gavin@gavin-VirtualBox:~$ ./lab8-1.sh
enter your lucky number:
You got the second prize.
gavin@gavin-VirtualBox:~$ ./lab8-1.sh
enter your lucky number:
You got the third prize.
gavin@gavin-VirtualBox:~$ ./lab8-1.sh
enter your lucky number:
Sorry, good luck for next time
gavin@gavin-VirtualBox:~$
```

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

- 1. Prompt the user to provide the input which should consists of characters and numbers both, and check if the following requirements are satisfied:
- 2. Only lower-case letter [a-z] and numeric character [0-9] are allowed.
- 3. The length must be between 4 to 8 digits

```
** picture for steps 1 - 3 **
```



## Test your script with the following examples:

- 1. Your input with one upper case
- 2. The input having length less than 4 digits.
- 3. The input having length larger than 8 digits.
- 4. Your input in lower case and should have length between 4 to 8.

```
** picture for steps 1 - 4 **
```

