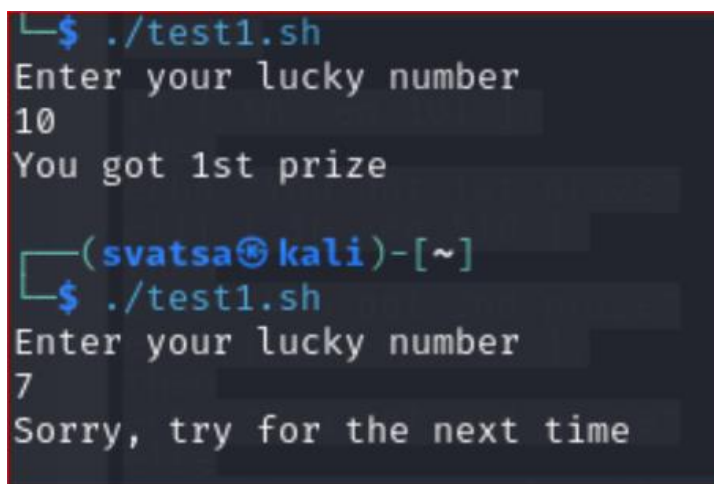# CYSE 270: Linux System for Cybersecurity
Lab 8 – Shell Scripting

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

Example Output:

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

<u>Test your script with the following examples:</u>
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.

Example Output:

```
┌──(svatsa☉kali)-[~]
└─$ ./lab8-2.sh
Enter your input string with some character and number:
sv0
You must enter a valid input  It must be lowercase characetrs and/or numbers and the length should be b
etwen 4-8!
Try again:
svatsa123456
You must enter a valid input  It must be lowercase characetrs and/or numbers and the length should be b
etwen 4-8!
Try again:
sv001
Thank you! Your MIDAS ID is:  sv001

┌──(svatsa☉kali)-[~]
└─$
```