

Task A

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shobha@shobha-VirtualBox:~$ #!/bin/bash
shobha@shobha-VirtualBox:~$ # Prompt user for input
shobha@shobha-VirtualBox:~$ read -p "Enter your lucky number:" number
Enter your lucky number:24
shobha@shobha-VirtualBox:~$ 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
Sorry, good luck for next time.

shobha@shobha-VirtualBox:~$ ./lab8-1.sh
Enter your lucky number:7
Sorry, good luck for next time.
shobha@shobha-VirtualBox:~$
```

Task B

```
GNU nano 6.2 lab8-2.sh
#!/bin/bash
# Prompt the user to provide the input
echo "Enter your input string with some character and number:"
read input

# Validate the input
if ! [[ "$input" =~ ^[a-z0-9]{4,8}$ ]]; then
    echo "The input does not meet the requirements"
    echo "You must enter a valid input it must be lowercase characters and/or number"
    exit 1
fi

# The input is valid
echo "Thank you! Your MIDAS ID is: $input"
chmod: cannot access 'lab8-2.sh': No such file or directory
ash: line 1: ./lab8-2.sh: No such file or directory

chmod +x lab8-2.sh

shobha@shobha-VirtualBox:~$ ./lab8-2.sh
Enter your input string with some character and number:
masie001
Thank you! Your MIDAS ID is: masie001
```