- 2) Sum of two numbers
 - ⇒ \$ vi sum.sh echo "Enter first Number" read num!

echo "Enter Decond Number"
read num 2

sum = \$ ((\$num| + num2)) echo " the sum of \$ num! and \$ num2 is \$ sum"

Enter fist Number

5

Finter second Number

15

the sum of 5 and 5 is 10

- 3) To verify if admin password is correct
- => \$ vi verify.sh

 echo "Enter username"

 read username

 echo "Enter password"

 read password

ib [[(\$username == "admin" && password == "sucret")

```
echo" valid user"
else
echo" Invalid user"
bi
```

Output: bash verify sh

Enter username
admin

Enter password
secrect

4) To give the factorial of a number

> vi factorial.sh

echo "Enter number to find factorial"

read num

factorial=|

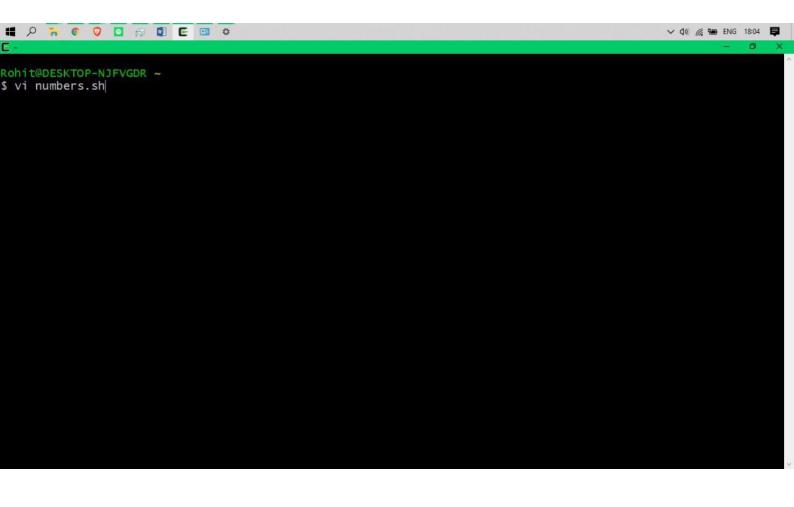
counter=\$num

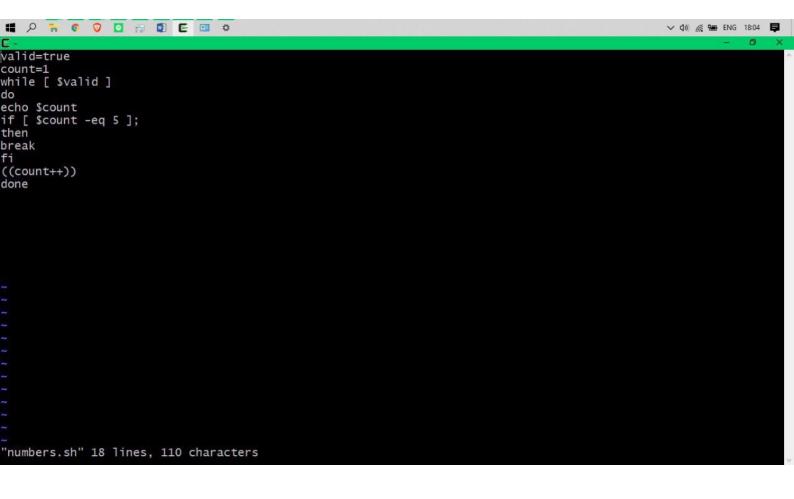
valid user.

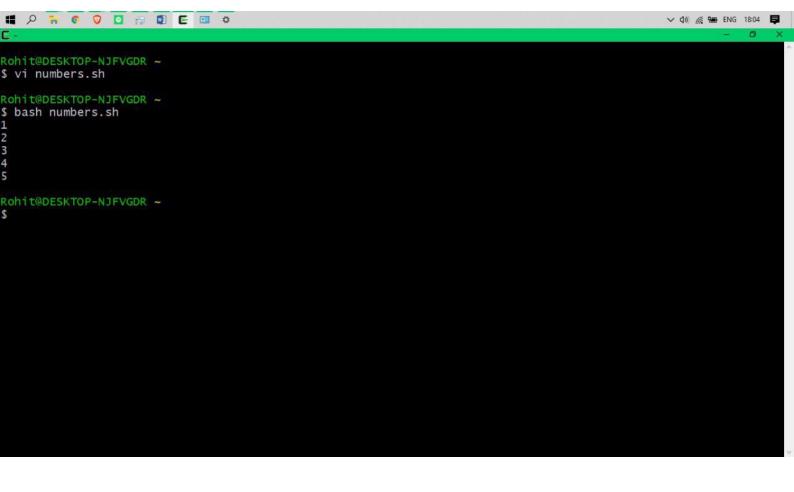
while [[\$ counter - gt 0]]; do factorial = \$ ((\$factorial * \$ counter)) counter = \$ ((\$ counter - 1))

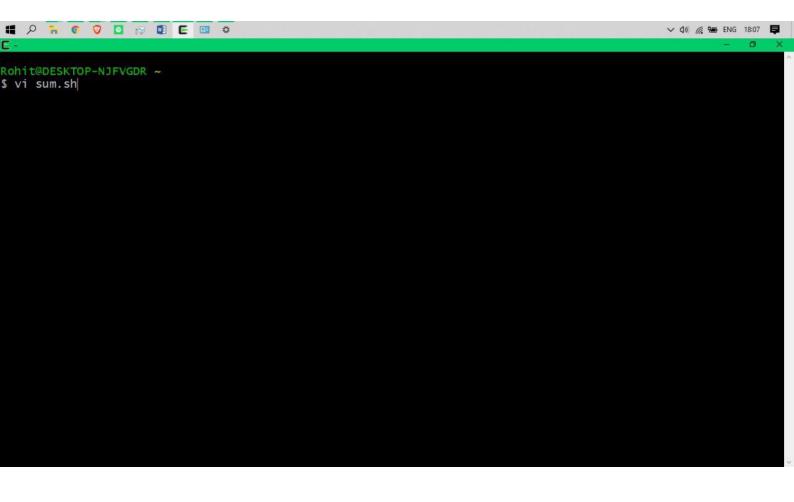
echo "Factorial of \$rum is \$factorial"

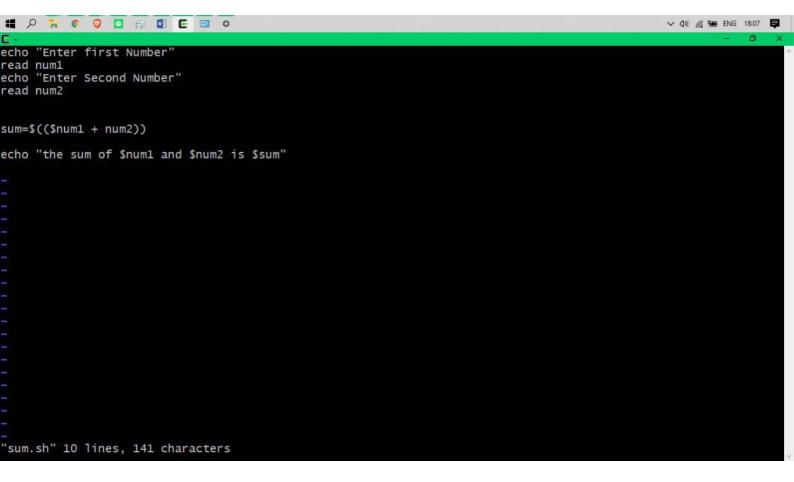
Dutput: bash factorial sh Enter a number: 4 Factorial of 4 is 24

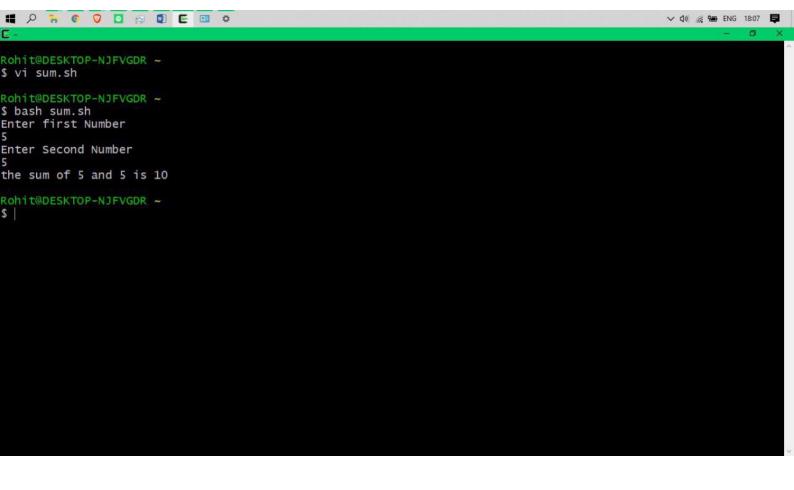


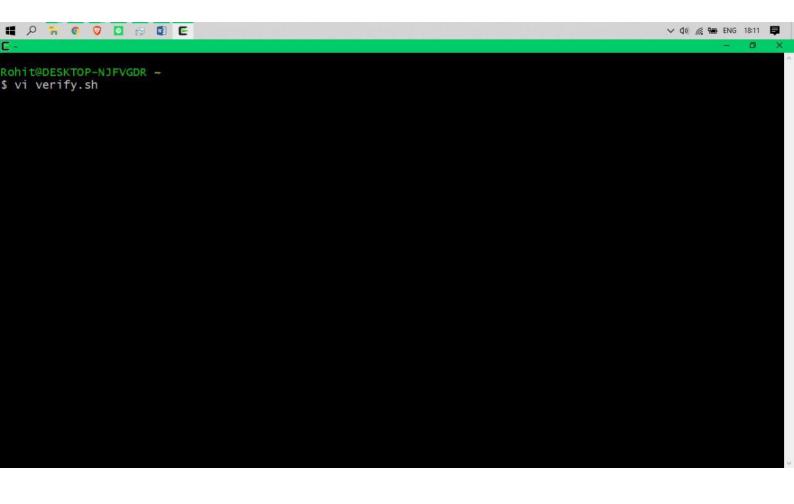


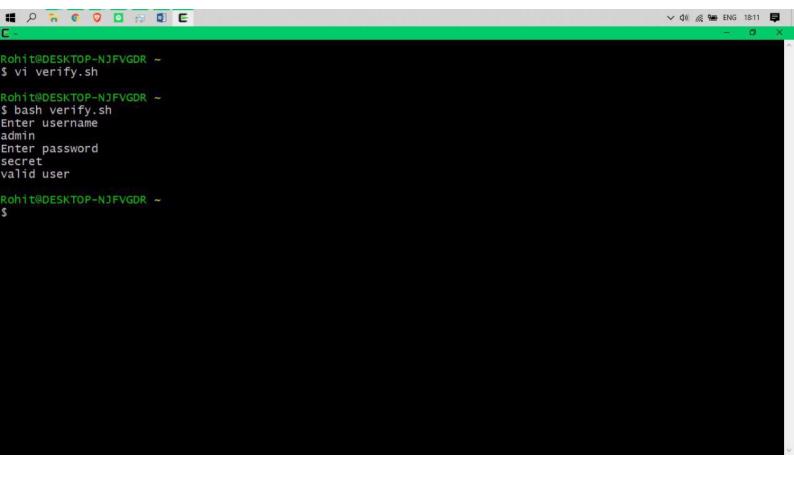


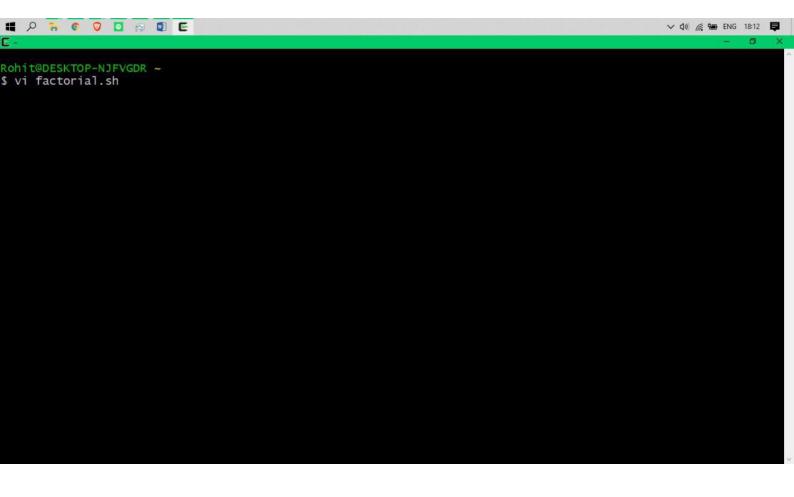




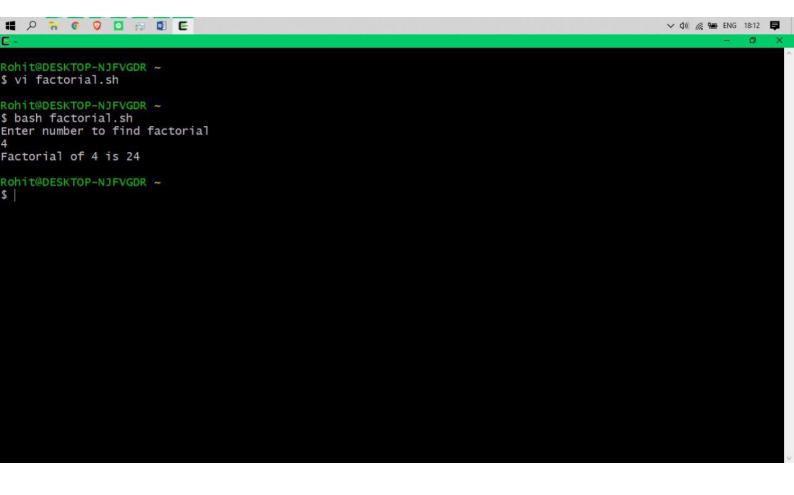


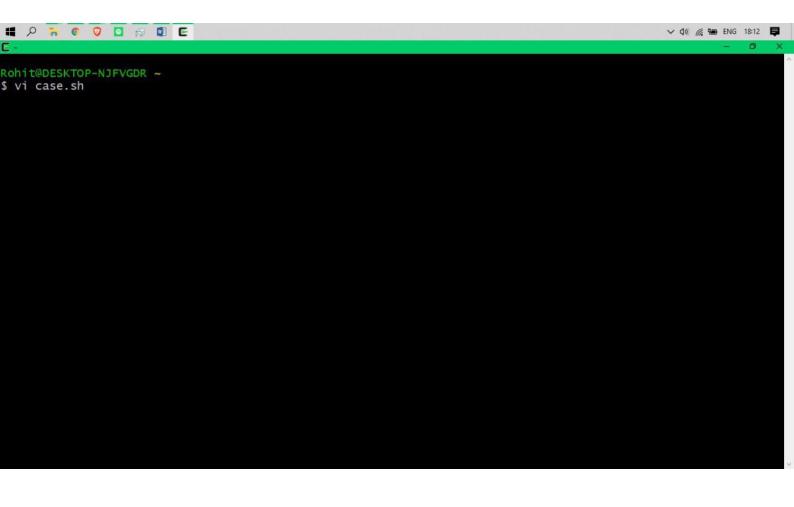






```
### Power of the property of t
```





```
echo "Enter your lucky number"
read n
case $n in
10)
echo "You got 1st prize" ;;
5)
echo "You got 2nd prize" ;;
9)
echo "Sorry, try for the next time" ;;
esac

"Case.sh" 13 lines, 191 characters
```

