**Q1]Write a script where user enters a username and outputs says if that user is present on linux or not**

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[root@localhost Scripts]# vi script4.sh

script..........

#!/bin/bash

read -p "Enter ausername: " username

var=$(cat /etc/passwd | grep "$username")

if [[ -n $var ]]

then

echo "user $username exist"

else

echo "user does not exist"

fi

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[root@localhost Scripts]# chmod +x script4.sh

[root@localhost Scripts]# ./script4.sh

Enter ausername: user2

user user2 exist

[root@localhost Scripts]#

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**Q2] Write a script where user enters a file path and output says if input path is a file or a directroy**

script..................

#!/bin/bash

read -p "enter a path: " path

echo $path

if [[ -f $path ]]

then

echo "the given path is of file"

elif [[ -d $path ]]

then

echo "the given path is of directory"

fi

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[root@localhost Scripts]# ./script6.sh

enter a path: testdir1

testdir1

the given path is of directory

[root@localhost Scripts]# ./script6.sh

enter a path: file

file

the given path is of file

[root@localhost Scripts]#

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**Q3] Write a script where username is entered and its userid is displayed in the output**

[root@localhost Scripts]# vi script.sh

script..........................

#!/bin/bash

read -p "Please enter a username" username

var=$(cat /etc/passwd | grep "$username" | cut -d':' -f3)

if [[ -n $var ]]

then

echo "The userID of given username is: $var"

else

echo "The given username is not present"

fi

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[root@localhost Scripts]# vi script.sh

[root@localhost Scripts]# chmod +x script.sh

[root@localhost Scripts]# ./script.sh

Please enter a username:user1

The userID of given username is: 1002

[root@localhost Scripts]#