

1. shell script to check whether a directory exists

If it exists print directory exist else create

Directory and print message

Code:

```
echo "Enter directory name"
read ndir
if [ -d "ndir" ]
then
echo "Directory Present"
else
`mkdir $ndir`
echo "Directory created"
fi
```

2. shell script to get the reverse of a number

Code:

```
x="welcome"
len=`echo ${#x}`
while [ $len -ne 0 ]
do
```

```
y=$y`echo $x | cut -c $len`  
((len--))  
done  
echo $y
```

3. shell script to check weather a string is palindrome

Code:

```
x="cat"  
len=`echo ${#x}`  
while [ $len -ne 0 ]  
do  
    y=$y`echo $x | cut -c $len`  
    ((len--))  
done  
if [ $x == $y ]  
then  
    echo "palindrome "  
else  
    echo "not palindrome"  
fi
```

