



kali@kali: ~/Pictures



File Actions Edit View Help

```
file2.txt      'Screenshot 2020-12-07 04:00:27.scr5.png'  
file3.txt      'Screenshot 2020-12-07 04:01:18.scr6.png'  
file4.txt      'Screenshot 2020-12-07 04:05:52.scr7.png'  
file5.txt      'Screenshot 2020-12-07 04:06:50.scr8.png'  
file6.txt      'Screenshot 2020-12-07 04:06:50.scr new1.png'  
file7.txt      TEST
```

```
(kali@kali)-[~/Pictures]
```

```
$ ./assignment1.sh
```

```
./assignment1.sh:6: unmatched "
```

```
(kali@kali)-[~/Pictures]
```

```
$ vi assignment1.sh
```

```
(kali@kali)-[~/Pictures]
```

```
$ vi assignment0.sh
```

```
(kali@kali)-[~/Pictures]
```

```
$ chmod +x assignment0.sh
```

```
(kali@kali)-[~/Pictures]
```

```
$ ./assignment0.sh
```

```
user: kali
```

```
date: 12-12-2020
```

```
time: 02:25:28 AM
```

```
current working directory :
```

```
there are 23files in the current directory
```

```
the biggest file is Screenshot 2020-12-07 04:01:18.scr6.png
```

```
(kali@kali)-[~/Pictures]
```

```
$
```

1 ✖



kali@kali: ~/Pictures



File Actions Edit View Help

```
#!/bin/zsh
echo "user: $USER"
echo "date: $(date +%m-%d-%Y)"
echo "time: $(date +%r)"
echo "current working directory : $pwd"
echo "there are $(ls -l | wc -l)files in the current directory"
echo "the biggest file is $(ls -S | head -1)"
```





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File Actions Edit View Help

```
#!/bin/zsh
echo -n "Enter a number : "
read num
echo "the number is reverse order is:"
echo $num | rev
```



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File Actions Edit View Help

```
(kali@kali)-[~/Pictures/TEST]
$ vi assignment1.sh
```

1 ✖

```
(kali@kali)-[~/Pictures/TEST]
$ cd ../
```

```
(kali@kali)-[~/Pictures]
$ vi assignment2.sh
```

```
(kali@kali)-[~/Pictures]
$ chmod +x assignment2.sh
```

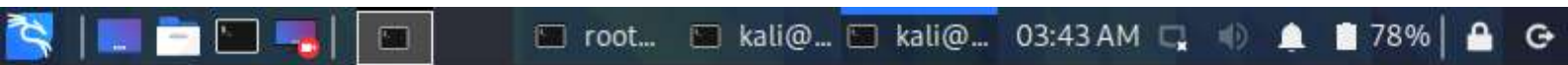
```
(kali@kali)-[~/Pictures]
$ ls
```

'assign(4).0.1.png'	'Screenshot 2020-12-07 03:53:50scr3.png'
'assign(4).0.2.png'	'Screenshot 2020-12-07 03:57:02scr4.png'
assignment0.sh	'Screenshot 2020-12-07 04:00:27.scr5.png'
assignment2.sh	'Screenshot 2020-12-07 04:01:18.scr6.png'
'assignment4(0.1).png'	'Screenshot 2020-12-07 04:05:52.scr7.png'
'assignment4(0.2).png'	'Screenshot 2020-12-07 04:06:50.scr8.png'
'Screenshot 2020-12-07 03:50:54scr1.png'	'Screenshot 2020-12-07 04:06:50.scr new1.png'
'Screenshot 2020-12-07 03:52:30scr2.png'	TEST

```
(kali@kali)-[~/Pictures]
$ ./assignment2.sh
```

```
Enter a number : 12345
the number is reverse order is:
54321
```

```
(kali@kali)-[~/Pictures]
$
```



kali@kali: ~/Pictures



File Actions Edit View Help

```
(kali@kali)-[~/Pictures]
$ vi assignment3.sh
```

1 ✖

```
(kali@kali)-[~/Pictures]
$ chmod +x assignment3.sh
```

```
(kali@kali)-[~/Pictures]
$ ./assignment3.sh
```

enter the password:122

please include numbers

./assignment3.sh:23: parse error near `else'

```
(kali@kali)-[~/Pictures]
$ vi assignment3.sh
```

1 ✖

```
(kali@kali)-[~/Pictures]
$ vi assignment3.sh
```

```
(kali@kali)-[~/Pictures]
$ vi assignment3.sh
```

```
(kali@kali)-[~/Pictures]
$ chmod +x assignment3.sh
```

```
(kali@kali)-[~/Pictures]
$ ./assignment3.sh
```

enter the password:123

password length should be greater than or equal to 8 char...

```
(kali@kali)-[~/Pictures]
$
```


File Actions Edit View Help

```
#!/bin/zsh
echo -n "enter the password:"
read password
len="${#password}"
if test $len -ge 8 ;
then
    echo "$password" | grep -q [0-9]
    if test $? -eq 0 ;
    then
        echo "$password" | grep -q [A-Z]
        if test $? -eq 0 ;
        then
            echo "$password" | grep -q [a-z]
            if test $? -eq 0 ;
            then
                echo "hurray!!"
            else
                echo "sorry.please include lowercase alphabets"
            fi
        else
            echo "ok..but weak pasword..please set uppercase alphabets"
        fi
    else
        echo " please include numbers"
    fi
else
    echo "password length should be greater than or equal to 8 char..."
fi
```

File Actions Edit View Help

```
#!/bin/zsh
for f in *.txt; do
    mv -- "$f" "${basename -- "$f" .txt}.${date +"%Y%m%d"}"
done
```

```
~ kali@kali: ~/Downloads
~ 1 KB Downloads
~d: as given file or directory: Downloads
```

```
~ kali@kali: ~/Downloads
~ 1 KB _/
```

```
~ kali@kali: ~/
~ 1 KB Pictures
```

```
~ kali@kali: ~/Pictures
~ 4 KB assignment0.sh
```

```
~ kali@kali: ~/Pictures
~ 4 KB assignment1.sh
```

```
~ kali@kali: ~/Pictures
~ 1 KB TEST
~d: as given file or directory: TEST
```

```
~ kali@kali: ~/Pictures
~ 1 KB Pictures
~d: as given file or directory: Pictures
```

```
~ kali@kali: ~/Pictures
"assignment1.sh" 5L, 93B
```

5,0-1

All



kali@kali: ~/Pictures/TEST

File Actions Edit View Help

```
(kali@kali)-[~/Pictures]
$ mkdir TEST
mkdir: cannot create directory 'TEST': File exists

(kali@kali)-[~/Pictures]
$ cd TEST
1 x 1

(kali@kali)-[~/Pictures/TEST]
$ touch file1.txt
1

(kali@kali)-[~/Pictures/TEST]
$ touch file2.txt
1

(kali@kali)-[~/Pictures/TEST]
$ touch file3.txt
1

(kali@kali)-[~/Pictures/TEST]
$ vi assignment1.sh
1

(kali@kali)-[~/Pictures/TEST]
$ chmod +x assignment1.sh
1

(kali@kali)-[~/Pictures/TEST]
$ ./assignment1.sh
1

(kali@kali)-[~/Pictures/TEST]
$ ls
1
assignment1.sh file1.20201212 file2.20201212 file3.20201212 TEST

(kali@kali)-[~/Pictures/TEST]
$
```