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1

shell

```
1  #!/bin/bash
```

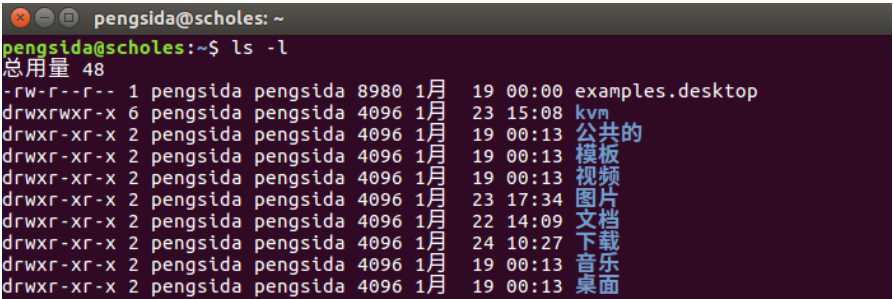
1.1

```
1  #!/bin/shell
2  data
3  who
```

```
1  #!/bin/shell
2  data; who
```

1.2

ls linux



-
d
l
c
b
n

9

3

3

4

r
w
x
-

linux

权限	二进制	八进制	描述
---	000	0	无权限
--x	001	1	只有执行权限
-w-	010	2	只有写入权限
-wx	011	3	写入和执行权限
r--	100	4	只有读取权限
r-x	101	5	读取和执行权限
rw-	110	6	读取和写入权限
rwX	111	7	读取、写入和执行权限

1.2.1

umask touch

temp.txt666umask 022touch

temp.txt644

umask 022

644666777

chmodchmod

```
1 chmod [ options ] <mode> <file >
2 # options          chmod
3 # mode
```

chmod3

```
1 chmod 760 temp.txt
```

chmod

```
1 chmod [ options ] <u>goa><+ =><rwXstugo> <file >
```

u
g
o
a

+
-
=

x		
s	UID	GID
t		
u		
g		
o		

1.2.2

chmod

```
1 # test
2 chmod u+x test
```

```
1 #
2 ./ test
```

2

echo

```
1 echo "This is a test to see if you are paying attention"
2 echo 'Rich says "scripting is easy"'
```

-n

```
1 echo -n "This is a test to see if you are paying attention"
```

3

shell linux shell

```
1  #!/bin/bash
2  #
3  days=10
4  guest="Katie"
5  echo "$guest checked in $days days ago"
6  days=5
7  guest="Jessica"
8  echo "$guest checked in $days days ago"
9  #
10 echo "HOME: $HOME"
```

”\$”

3.1

‘ shell

```
1  #                  date                  testing
2  testing='date '
3  #                  testing
4  echo "The data and time are: " $testing
```

4

4.1

```
1  command > outfile
```

```
1  command >> outfile
```

4.2

```
1  command < inputfile
```

```
1  wc < temp.txt  
2  # wc
```

```
1  #      EOF      marker  
2  command << marker  
3  data  
4  marker
```

5

```
1  #  command1      command2  
2  command1 | command2
```

6

6.1 expr

expr

