

张 顺 15300180012

e0: uname -sv

```
stu005@oyel-KVM:~$ uname -sv
Linux #32~16.04.2-Ubuntu SMP Thu Jul 20 10:19:48 UTC 2017
```

e1: echo \$HOME

```
stu005@oyel-KVM:~$ echo $HOME
/home/stu005
```

e2: whoami

```
stu005@oyel-KVM:~$ whoami
stu005
```

e3: chmod

```
stu005@oyel-KVM:~$ ls -l
total 40
-rw-r--r-- 1 stu005 student 32 3月 20 19:41 1.sh
drwxr-xr-x 2 stu005 student 4096 3月 20 19:40 2.sh
d-wx--x--x 2 stu005 student 4096 3月 20 19:38 dir
-rw-r--r-- 1 stu005 student 8980 3月 20 12:08 examples.desktop
-rw-r--r-- 1 stu005 student 6 3月 20 18:46 hello
-rw-r--r-- 1 stu005 student 66 3月 20 19:00 hhh.txt
-rw-r--r-- 1 stu005 student 242 3月 20 19:35 tail
-rw-r--r-- 1 stu005 student 140 3月 20 18:50 聊天室
stu005@oyel-KVM:~$ chmod a+x 1.sh
stu005@oyel-KVM:~$ ls -l
total 40
-rwxr-xr-x 1 stu005 student 32 3月 20 19:41 1.sh
```

e4: du -max-depth=1 -h

```

stu005@oyel-KVM:~$ du --max-depth=1 -h
24K      ./vim
4.0K     ./cache
du: cannot read directory './dir': Permission denied
4.0K     ./dir
8.0K     ./ssh
4.0K     ./2.sh
136K     .

```

e5: mv 1.sh 2.sh

```

stu005@oyel-KVM:~$ vim 1.sh
stu005@oyel-KVM:~$ ls
1.sh 3.sh dir examples.desktop hello hhh.txt tail 聊天室
stu005@oyel-KVM:~$ mv 1.sh 2.sh
stu005@oyel-KVM:~$ ls
2.sh 3.sh dir examples.desktop hello hhh.txt tail 聊天室

```

e6: sudo apt-get install jq

e7: ssh oyel@10.190.2.127

```

➔ ~ git:(master) ✕ ssh oyel@10.190.2.127
oyel@10.190.2.127's password:
Welcome to Ubuntu 16.04.3 LTS (GNU/Linux 4.10.0-28-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

386 packages can be updated.
226 updates are security updates.

Last login: Tue Mar 20 12:07:13 2018 from 10.111.212.141
oyel@oyel-KVM:~$

```

n1: sed -n 6,10p ./etc/hosts

n2: cp -p ./1.sh \$HOME

n3: chmod a=rwx -R dir/

```
stu005@oyel-KVM:~$ cd dir/
stu005@oyel-KVM:~/dir$ ls -l
total 4
-r--r--r-- 1 stu005 student 33 3月 20 20:00 1.sh
stu005@oyel-KVM:~/dir$ cd ../
stu005@oyel-KVM:~$ chmod a=rwx -R dir/
stu005@oyel-KVM:~$ cd dir/
stu005@oyel-KVM:~/dir$ ls -l
total 4
-rwxrwxrwx 1 stu005 student 33 3月 20 20:00 1.sh
```

n4: grep -w -A1 -B1 'url' commits.json

```
stu005@oyel-KVM:~$ grep -w -A1 -B1 'url' commits.json
a
url
b
--
c
url hello world
d
```

h1: ls -a -l '.' -l '..'

```

stu005@oyel-KVM:~$ ls -la
total 128
drwxr-xr-x 1 stu005 stu005 4096 Nov 11 11:11 .
drwxr-xr-x 1 stu005 stu005 4096 Nov 11 11:11 ..
-rw-r--r-- 1 stu005 stu005  220 Nov 11 11:11 .bash_history
-rw-r--r-- 1 stu005 stu005   81 Nov 11 11:11 .bash_logout
-rw-r--r-- 1 stu005 stu005  529 Nov 11 11:11 .bashrc
-rw-r--r-- 1 stu005 stu005   22 Nov 11 11:11 .cache
-rw-r--r-- 1 stu005 stu005  112 Nov 11 11:11 commits.json
-rw-r--r-- 1 stu005 stu005   28 Nov 11 11:11 dir
-rw-r--r-- 1 stu005 stu005   28 Nov 11 11:11 examples.desktop
-rw-r--r-- 1 stu005 stu005   28 Nov 11 11:11 grep
-rw-r--r-- 1 stu005 stu005   28 Nov 11 11:11 hello
-rw-r--r-- 1 stu005 stu005   28 Nov 11 11:11 .hello.swp
-rw-r--r-- 1 stu005 stu005   28 Nov 11 11:11 hhhh
-rw-r--r-- 1 stu005 stu005   28 Nov 11 11:11 hhh.txt
-rw-r--r-- 1 stu005 stu005   28 Nov 11 11:11 input.txt
-rw-r--r-- 1 stu005 stu005   28 Nov 11 11:11 .lessht
-rw-r--r-- 1 stu005 stu005   28 Nov 11 11:11 output.txt

```

h2: echo {a..c}{a..c}

```

stu005@oyel-KVM:~$ echo {a..c}{a..c}
aa ab ac ba bb bc ca cb cc

```

h3: ls -l | grep -v ^total | awk '{print \$1,\$2;}'

h4: tr 'A-Z' 'a-z' < input.txt > output.txt

h5: du -a ./ | sort -n -r | head -n 3

```

stu005@oyel-KVM:~$ du -a ./ | sort -n -r | head -n 3
305464 ./
305204 ./zyt
102400 ./zyt/test

```

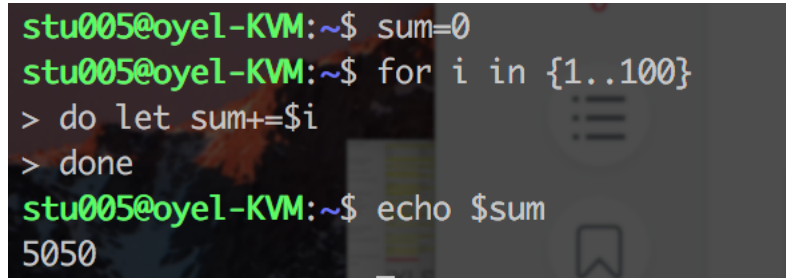
h6: sum=0

for i in {1..100}

do let sum+=i

done

echo \$sum

A terminal window screenshot with a dark background and green text. The prompt is 'stu005@oyel-KVM:~\$'. The script executed is: 'sum=0', 'for i in {1..100}', 'do let sum+=i', 'done', and 'echo \$sum'. The output is '5050'.

```
stu005@oyel-KVM:~$ sum=0
stu005@oyel-KVM:~$ for i in {1..100}
> do let sum+=i
> done
stu005@oyel-KVM:~$ echo $sum
5050
```

h7: filelist=`find . -type f -maxdepth 1`

for file in \$filelist; do wc -l \$file; done