به نام خدا

درس آزمایشگاه سیستم عامل

تمرین سوم

تهیه کننده:
الناز رضایی

مدرس درس:
سرکار خانم دکتر شیخی

تاریخ ارسال: ۱۴۰۱/۰۷/۲۶

پاسخ بخش اول:

```
rezaee_98411387@98411387:~$ echo "StudentID      LastName      FirstName      Grade">>
grade.text
rezaee_98411387@98411387:~$ echo "98411387      Rezaee     Elnaz     20">>grade.text
rezaee_98411387@98411387:~$ echo "98523849     Zahedi     Reza     14">>grade.text
rezaee_98411387@98411387:~$ echo "98524839      Rashidi      Zahra     12">>grade.te
xt
rezaee_98411387@98411387:~$ cat grade.text
StudentID      LastName      FirstName      Grade
98411387      Rezaee     Elnaz     20
98523849      Zahedi     Reza     14
98524839      Rashidi      Zahra     12
```

پاسخ بخش دوم:

```
rezaee_98411387@98411387: ~
rezaee_98411387@98411387:~$ echo "Saturday Sunday Monday Tuesday Wednesday Thurs
day Friday">>test.txt
rezaee_98411387@98411387:~$ cat /etc/passwd>>test.txt
rezaee_98411387@98411387:~$ cat test.txt
Saturday Sunday Monday Tuesday Wednesday Thursday Friday
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/bin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
sync:x:4:65534:sync:/bin:/bin/sync
games:x:5:60:games:/usr/games:/usr/sbin/nologin
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin
list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin
irc:x:39:39:ircd:/var/run/ircd:/usr/sbin/nologin
gnats:x:41:41:Gnats Bug-Reporting System (admin):/var/lib/gnats:/usr/sbin/nologi
n
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
```

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```
rezaee_98411387@98411387:~$ find /etc/ -type f -name "*init*"
find: '/etc/cups/ssl': Permission denied
/etc/X11/xinit/xinitrc
/etc/gdb/gdbinit
/etc/ufw/before.init
/etc/ufw/after.init
find: '/etc/polkit-1/localauthority': Permission denied
find: '/etc/ssl/private': Permission denied
/etc/initramfs-tools/initramfs.conf
/etc/initramfs-tools/update-initramfs.conf
/etc/security/namespace.init
/etc/kernel/postinst.d/initramfs-tools
/etc/kernel/postrm.d/initramfs-tools
/etc/init/rc-sysinit.conf
```

پاسخ بخش چهارم:

```
rezaee_98411387@98411387:~$ cat /etc/passwd | cut -d ':' -f 1- | head -n 10
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/bin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
sync:x:4:65534:sync:/bin:/bin/sync
games:x:5:60:games:/usr/games:/usr/sbin/nologin
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
```

پاسخ بخش پنجم:

```
rezaee_98411387@98411387:~$ cat /etc/group | cut -d ':' -f 1 | tail -n 10
avahi
bluetooth
scanner
colord
pulse
pulse-access
rtkit
saned
rezaee_98411387
sambashare
```