

```
pazhand_400521171@400521171: ~  
pazhand_400521171@400521171:~$ ls  
Desktop    Downloads      Music  Pictures  Templates  x.txt  
Documents  examples.desktop  os     Public    Videos  
pazhand_400521171@400521171:~$ cat > grade.txt  
student ID      last name      first name      score  
pazhand_400521171@400521171:~$ cat grade.txt  
student ID      last name      first name      score  
pazhand_400521171@400521171:~$
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pazhand_400521171@400521171:~$ cat > test.txt
saturday-sunday-monday-tuesday-wednesday-thursday-friday
pazhand_400521171@400521171:~$ cat </etc/passwd >> test.txt
pazhand_400521171@400521171:~$ 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/nologin
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
systemd-timesync:x:100:102:systemd Time Synchronization,,,:/run/systemd:/bin/false
systemd-network:x:101:103:systemd Network Management,,,:/run/systemd/netif:/bin/false
systemd-resolve:x:102:104:systemd Resolver,,,:/run/systemd/resolve:/bin/false
systemd-bus-proxy:x:103:105:systemd Bus Proxy,,,:/run/systemd:/bin/false
syslog:x:104:108:/:/home/syslog:/bin/false
_apt:x:105:65534:/:/nonexistent:/bin/false
messagebus:x:106:110:/:/var/run/dbus:/bin/false
uuidd:x:107:111:/:/run/uuidd:/bin/false
lightdm:x:108:114:Light Display Manager:/var/lib/lightdm:/bin/false
whoopsie:x:109:117:/:/nonexistent:/bin/false
avahi-autoipd:x:110:119:Avahi autoip daemon,,,:/var/lib/avahi-autoipd:/bin/false
avahi:x:111:120:Avahi mDNS daemon,,,:/var/run/avahi-daemon:/bin/false
dnsmasq:x:112:65534:dnsmasq,,,:/var/lib/misc:/bin/false
colord:x:113:123:colord colour management daemon,,,:/var/lib/colord:/bin/false
speech-dispatcher:x:114:29:Speech Dispatcher,,,:/var/run/speech-dispatcher:/bin/false
hplip:x:115:7:HPLIP system user,,,:/var/run/hplip:/bin/false
kernoops:x:116:65534:Kernel Oops Tracking Daemon,,,:/bin/false
pulse:x:117:124:PulseAudio daemon,,,:/var/run/pulse:/bin/false
rtkit:x:118:126:RealtimeKit,,,:/proc:/bin/false

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pazhand_400521171@400521171: ~
pazhand_400521171@400521171:~$ ls /etc/ | grep init
init
init.d
initramfs-tools
pazhand_400521171@400521171:~$
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pazhand_400521171@400521171: ~
pazhand_400521171@400521171:~$ head -10 /etc/passwd | tr ":" "\t"
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
pazhand_400521171@400521171:~$
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```
pazhand_400521171@400521171:~  
pazhand_400521171@400521171:~$ tail -10 /etc/group  
colord:x:123:  
pulse:x:124:  
pulse-access:x:125:  
rtkit:x:126:  
saned:x:127:  
pazhand_400521171:x:1000:  
sambashare:x:128:  
guest-6zsrh5:x:999:  
demo:x:1001:  
demo1:x:1010:  
pazhand_400521171@400521171:~$ tail -10 /etc/group | cut -d ":" -f 1 | wc -c  
91  
pazhand_400521171@400521171:~$
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