1、按照默密码策略依次创建用户：user1，user2，user3；指定用户目录到：/var/lib/user1，/var/lib/user2，/var/lib/user3；分别设置初始密码：123456，登录验证，登录后观察当前工作路径；useradd -d user1 /var/lib/user1
passwd user1
login user1


```
guest-3atfv9:x:998:998:Guest:/tmp/guest-3atfv9:/bin/bash
libvirt-qemu:x:64055:129:Libvirt Qemu,,,:/var/lib/libvirt:/bin/false
libvirt-dnsmasq:x:121:130:Libvirt Dnsmasq,,,:/var/lib/libvirt/dnsmasq:/bin/false
user1:x:1001:1001::/home/user1:
user2:x:1002:1002::/home/user2:
user3:x:1003:1003::/home/user3:
```



```
user1:x:1001:1001::/var/lib/user1:
user2:x:1002:1002::/var/lib/user2:
user3:x:1003:1003::/var/lib/user3:
```



```
root@mona-Lenovo-G50-45:~# passwd user1
Enter new UNIX password:
Retype new UNIX password:
passwd: password updated successfully
root@mona-Lenovo-G50-45:~# passwd user2
Enter new UNIX password:
Retype new UNIX password:
passwd: password updated successfully
root@mona-Lenovo-G50-45:~# passwd user3
Enter new UNIX password:
Retype new UNIX password:
passwd: password updated successfully
```



```
user1:$6$Wia.u9GK$QALBsSSkKiCowA/70nl0NHupQOQYdwycWQq3IKkf4jT7v39Nj6ehn2eC3kZZxd
e4S78GHQ3FnOGAiPF1xaduU1:17779:0:99999:7:::
user2:$6$KjDoLXFz$SDf6GiCr.0Hc8eXgms21fEzeAEP1cN74pbyWq8As7hhr9fnR1zeT5CkAljdF76
zL.c9ewHmc5rxUcW4B1dG6h1:17779:0:99999:7:::
user3:$6$c10Hm6Uq$uUarDv6mNcQMi9GafGgajSUD8QOWAsvWyX.VeePa9kW3SDHV9y2NEXxG4ioGfH
uedbwqw6JDxySIIxdogSIzS.:17779:0:99999:7:::
```

2、修改 user1 账户密码过期信息：更改密码最小天数 2、密码最大有效天数 99、密码到期前告警天数 3；分别登录 user1、user2 查看密码过期信息，观察差异；

```
user1:$6$Wia.u9GK$QALBsSSkKiCowA/70nl0NHupQOQYdwycWQq3IKkf4jT7v39Nj6ehn2eC3kZZxd
e4S78GHQ3FnOGAiPF1xaduU1:17779:2:99:3:2::
user2:$6$KjDoLXFz$SDf6GiCr.0Hc8eXgms21fEzeAEP1cN74pbyWq8As7hhr9fnR1zeT5CkAljdF76
zL.c9ewHmc5rxUcW4B1dG6h1:17779:0:99999:7:::
user3:$6$c10Hm6Uq$uUarDv6mNcQMi9GafGgajSUD8QOWAsvWyX.VeePa9kW3SDHV9y2NEXxG4ioGfH
uedbwqw6JDxySIIxdogSIzS.:17779:0:99999:7:::
```

```
#
PASS_MAX_DAYS    99
PASS_MIN_DAYS    2         vi
PASS_WARN_AGE    3
```

vi /etc/login.defs

chage -m 2 -W 3 -M 99 user1   vi user1 修改密码天數

3、依照上题的密码过期信息修改默认密码策略，创建用户：test1，test2，test3 并设置初始密码；分别登录：test1，test2，test3，user1，user2，user3 查看密码过期信息，观察差异；

```
test1:!:17779:2:99:3:::
test2:!:17779:2:99:3:::
test3:!:17779:2:99:3:::
```

user1:6Wia.u9GK$QALBsSSkKiCowA/70nl0NHupQOQYdwycWQq3IKkf4jT7v39Nj6ehn2eC3kZZxd
e4S78GHQ3FnOGAiPF1xaduU1:17779:2:99:3:2::
user2:6KjDoLXFz$SDf6GiCr.0Hc8eXgms21fEzeAEP1cN74pbyWq8As7hhr9fnR1zeT5CkAljdF76
zL.c9ewHmc5rxUcW4B1dG6h1:17779:0:99999:7:::
user3:6c10Hm6Uq$uUarDv6mNcQMi9GafGgajSUD8QOWAsvWyX.VeePa9kW3SDHV9y2NEXxG4ioGfH
uedbwqw6JDxySIIxdogSIzS.:17779:0:99999:7:::
test1:6DsUzh6LY$W0xrWRH8lEkYZBOIZWa5jAucGjFNAm4.v5ExcOAGYj979BVQcdHPQmhgiXMw4i
rZ4q6fhuzlvD76YDzlVvQ6q1:17779:2:99:3:::
test2:6XfBsuTEA$3Fu3pHncYhrKRUABGT9HFQE/G3UUA.cIOsqq.QzvPHhHganJxAHo1L5wnozuum
dRlVHMGdmRbEDZd4rGQlqGz/:17779:2:99:3:::
test3:$6$0LmT3V3w$QoMGgANGXMD9usitD2GPAu1wugs1ZfBidRZlQCZsex2Xr7lVe8P1xr/gx6J7sV
7rlZ/ro5OSe/9Vq2T7ZKr/R/:17779:2:99:3:::

4、通过一条 sed 命令将用户：user1，user2，user3，test1，test2，test3 设置为不可登录，尝试登录，观察报错；

sed -i 's/bash/nologin/' /etc/passwd

用 vi 打開/etc/passwd 文件對新創建的用户更改爲/bin/bash 之後輸入上一條命令

user1:x:1001:1001::/var/lib/user1:/bin/nologin
user2:x:1002:1002::/var/lib/user2:/bin/nologin
user3:x:1003:1003::/var/lib/user3:/bin/nologin
test1:x:1004:1004::/home/test1:/biin/nologin
test2:x:1005:1005::/home/test2:/bin/nologin
test3:x:1006:1006::/home/test3:/bin/nologin

5、默认删除用户：user1；test1 完全删除：user2，user3；test2，test3 查看用户目录及邮件目录；观察差异；

colord:x:113:123:colord colour management daemon,,,:/var/lib/color
speech-dispatcher:x:114:29:Speech Dispatcher,,,:/var/run/speech-di
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
saned:x:119:127::/var/lib/saned:/bin/false
usbmux:x:120:46:usbmux daemon,,,:/var/lib/usbmux:/bin/false
mona:x:1000:1000:Mona,,,:/home/mona:/bin/nologin
guest-n6s4cw:x:999:999:Guest:/tmp/guest-n6s4cw:/bin/nologin
guest-3atfv9:x:998:998:Guest:/tmp/guest-3atfv9:/bin/nologin
libvirt-qemu:x:64055:129:Libvirt Qemu,,,:/var/lib/libvirt:/bin/fal
libvirt-dnsmasq:x:121:130:Libvirt Dnsmasq,,,:/var/lib/libvirt/dnsm
user2:x:1002:1002::/var/lib/user2:/bin/nologin
user3:x:1003:1003::/var/lib/user3:/bin/nologin
test2:x:1005:1005::/home/test2:/bin/nologin
test3:x:1006:1006::/home/test3:/bin/nologin
:wq

注：所有操作命令录入文档，题中要求观察之内容保存截图插入文档相应命令下方，格式参考之前要求过的技术文档基本格式规范。

沒有 var 目錄

```
firefox              mtools.conf              timezone
fonts                nanorc                   tmpfiles.d
fstab                network                  ucf.conf
fuse.conf            NetworkManager           udev
fwupd.conf           networks                 udisks2
gai.conf             newt                     ufw
gconf                nsswitch.conf            updatedb.conf
gdb                  opt                      update-manager
ghostscript          os-release               update-motd.d
gnome                pam.conf                 update-notifier
gnome-app-install    pam.d                    UPower
groff                papersize                upstart-xsessions
group                passwd                   usb_modeswitch.conf
group-               passwd-                  usb_modeswitch.d
grub.d               pcmcia                   vim
gshadow              perl                     vtrgb
gshadow-             pki                      wgetrc
gss                  pm                       wpa_supplicant
gtk-2.0              pnm2ppa.conf             X11
gtk-3.0              polkit-1                 xdg
guest-session        popularity-contest.conf  xml
hdparm.conf          ppp                      zsh_command_not_found
host.conf            rsyslog.xml
```