

**Exercise 33.2** Restricted Shells and Accounts

1. Start a restricted shell in your current window with:

```
$ rbash -r
```

Try elementary options such as resetting the path or changing directories.

2. Set up a restricted account and verify its restricted nature, then clean up.

**Solution 33.2**

1. 

```
c7:/tmp>rbash -r
c7:/tmp>cd $HOME
rbash: cd: restricted
c7:/tmp>PATH=$PATH:/tmp
rbash: PATH: readonly variable
c7:/tmp>exit
exit
```
2. 

```
c7:/home/coop>sudo ln /bin/bash /bin/rbash
c7:/home/coop>sudo useradd -s /bin/rbash fool
c7:/home/coop>sudo passwd fool

Changing password for user fool.
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: all authentication tokens updated successfully.

c7:/home/coop>sudo su - fool

Last failed login: Tue Oct 25 14:15:54 CDT 2016 on pts/1
There was 1 failed login attempt since the last successful login.
Attempting to create directory /home/fool/perl5
[fool@c7 ~]$ cd /tmp
-rbash: cd: restricted
[fool@c7 ~]$ PATH=$PATH:/tmp
-rbash: PATH: readonly variable
[fool@c7 ~]$ exit
logout

c7:/home/coop>sudo userdel -r fool
c7:/home/coop>sudo rm /bin/rbash
```