Shell程序设计实例

1. 增加用户账户

举例20:编写一个Shell程序addaccount.sh，在系统中增加四个账户，同时设定他们的初始密码为123456，主组群为wl15。

```
1:  #!  /bin/sh
2:  groupadd   wl15
3:  for  username  in xlr  cyx  zh  gjj
4:     do
5:        useradd  -g  wl15  $username
6:        echo "123456" | passwd --stdin  $username
7:   done
```

2. 统计子目录和文件数量

举例21:

编写一个Shell程序count.sh，统计当前目录中子目录以及文件的数量。

```
1: #!  /bin/sh
2: FNUM=0
3: DNUM=0
4: COUNT=0
5: ls  -al
6: for FILENAME in `ls  -a`
7:do
8:    if [  -d  $FILENAME ]
9:    then
10:        DNUM=`expr $DNUM + 1`
11:      else
12:        FNUM=`expr $FNUM + 1`
13:      fi
14:      COUNT=`expr $COUNT + 1`
15:  done
16:  echo Directory:$DNUM
17:  echo File:$FNUM
18:  echo Total:$COUNT
```

3. 九九乘法表

举例22：编写乘法口诀cfkj.sh，打印出九九乘法表。

```
1:    #! /bin/sh
2:  for ((ROW=1;ROW<10;ROW++))
3:    do
4:       for ((COL=1;COL<=$ROW;COL++))
5:       do
6:          echo -ne "$ROW*$COL="`expr $ROW  \*  $COL`" "
7:       done
8:       echo
9:    done
```