## CHAPTER 12

1. 3

2. yes

3. alias rm

4. man rm

touch file

rm -i file

5. touch file

rm file

6. alias

7a. alias city='echo Pazardjik'

7b. city

8. set –x

9. set –x

city

+ echo pazardjik

pazardjik

10. set +x

11. unalias city

12. which cat (/bin/cat) || which passwd (/usr/bin/passwd)

13. The echo command will be interpreted by the shell as the built-in echo command. The /bin/ echo command will make the shell execute the echo binary located in the /bin directory.

14. The -n option of the echo command will prevent echo from echoing a trailing newline. echo Hello will echo six characters in total, echo -n hello only echoes five characters.

15. echo "A B C"

16. echo -e "4+4\t=8" ; echo -e "10+14\t=24"

17. echo '??\\'

echo -e '??\\\\'

echo "??\\\\"

echo -e "??\\\\\\"

echo ??\\\\

18. echo -e "one \ntwo \nthree"

## CHAPTER 13

1. which passwd

2. file /usr/bin/passwd

3. pwd ; pwd

4. cd /etc && ls

5. cd etc || cd /etc

6. cd ; touch test42 && echo it worked || echo it failed it worked

cd /bin; touch test42 && echo it worked || echo it failed touch: cannot touch `test42': Permission denied it failed

7. pausing for six seconds

8. sleep 200 &

9. rm file55 && echo success || echo failed

## CHAPTER 14

1. echo Hello $USER

2. answer=42

3. MyLANG=$LANG

4. set

set|more on Ubuntu/Debian

5. env

export

declare –x

6. env | more

set | more

7. var1=1; export var2=2

8. bash

echo $var2

9. varx=Dumb; vary=do

echo ${varx}le${vary}re

10. PS1='\t \u@\h \W$ '

## CHAPTER 16

1. echo The answer to the meaning of life, the universe and everything is 42

2. !!

3. history 5

4. !55 echo The answer to the meaning of life, the universe and everything is 42 The answer to the meaning of life, the universe and everything is 42

5. echo $HISTSIZE

6. echo $HISTFILE

7. echo $HISTFILESIZE

8. HISTSIZE=5000

9. type exit

## CHAPTER 17

1. mkdir testdir; cd testdir

2. touch file1 file10 file11 file2 File2 File3

touch file33 fileAB filea fileA fileAAA

touch "file("

touch "file 2"

3. ls file\*

4. ls File\*

5. ls file\*[0-9]

6. ls file\*[a-z]

7. ls File[0-9]\*

8. ls File[0-9]

9. ls [a-z]\*[0-9]

10. ls ?????

11. ls [fF]\*[3A]

12. ls f[iR]\*[0-9]

13. ls [!F]\*

14. MyLANG=$LANG

15. Depending on if you use lower of upper cased characters

16. echo \*

17. pushd popd