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I confirm that I understand my coursework needs to be submitted online via Google Classroom under the relevant module page before the deadline in order for my assignment to be accepted and marked. I am fully aware that late submissions will be treated as non-submission and a marks of zero will be awarded.

Contents

1.	INTRODUCTION	3
2.	TRANSCRIRT	3
3.	CONCLUSION	12
4.	REFERENCES	13

1. INTRODUCTION

UNIX is an operating system which was first introduced in 1969 (Raymond, 2003). UNIX is considered to be a stable, multi-user, multi-tasking system for computing environment. The systems of UNIX have a graphical user interface (GUI) which makes the environment easy to use. But, for the operations, the user needs to have knowledge of UNIX as the operations are performed with the graphical environment (Anon., 2000).

To operate the system, every UNIX system has a command line interface. Once we learn how to use the command line interface, programmers can use it to write scripts. As we gain more knowledge about the UNIX interface, it can be considered that the command line is much more flexible compared to the GUI. The programs are designed to be used together from the command line, providing an infinite number of combinations to perform infinite number of tasks (Dave Taylor, n.d.).

To use the UNIX operating system, we used a virtual operating system simulation software known as Oracle VM VirualBox. It is a powerful x86 and AMD64/Intel64 virtualization product (Anon., n.d.). The primarily purpose of using Virtual Box is to run multiple operating systems simultaneously.

2. TRANSCRIRT

#Task 1

Mkdir –p WorldCup/{Argentina, France, Germany, Brazil, Japan}

Is WorldCup

#Task 2

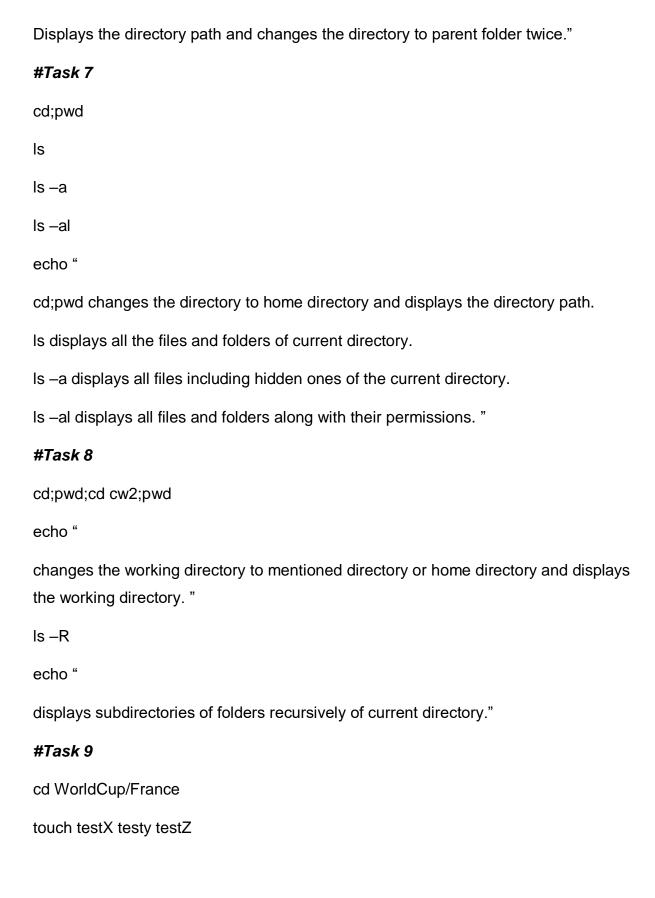
Cd WorldCup/Argentina

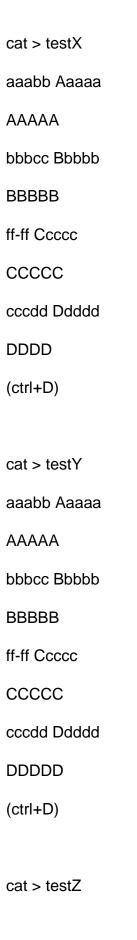
Pwd

Touch Messi Dybala Maria

#Task 3

rm -i Messi Dybala Maria yes yes yes cd../;rm -r Argentina ls #Task 4 echo " Hello! I am proud to be part of Islingtonians. 14<(2+2)" pwd cd Japan pwd #Task 5 pwd; cd; pwd echo " pwd; cd; pwd displays the directory where you're working, changes the directory to home then breaks the command line." #Task 6 cd WorldCup/Japan pwd;cd ..;pwd;cd ..;pwd echo "





addbb / ladda
AAAAA
bbbcc Bbbbb
BBBBB
ff-ff Ccccc
CCCCC
cccdd Ddddd
DDDDD
(ctrl+D)
#Task 10
cat testX
cat testY
cat testZ
#Task 11
cp testX/Brazil
cp testY/Brazil
cp testZ/Brazil
#Task 12
cat testX testY testZ
cat testX testY testZ > testResult
cat testX - testY >> testResult
This is concatenating into two files.

aaabb Aaaaa

#Task 13 cat test[XYZ] echo " It concatenates the contents of three files while displaying." #Task 14 ls –l chmod 000 testX Is -I testX cat testX cat >> testX chmod 600 testX Is –I testX cat testX cat >> testX Permission granted. #Task 15 cd ../ Is -Id France chmod 000 France Is -I France cat France/testX touch France/newFile Is France

```
chmod 700 France
Is -Id France
cat France/testX
touch France/newFile
Is France
#Task 16
grep bb testX
echo "
Highlights all bb in testX."
grep –v bb testX
echo "
Removes bb from testX while displaying."
grep –n bb testX
echo "
Displays bb in testX along with line number."
grep -I bb *
echo "
Displays the files containing bb."
```

grep -i bb *

echo" Displays where bb is in very file of the directory." grep -c bb * echo " Counts bb in the current directory." grep -n '^' testX echo " Shows content with line number." #Task 17 alias IsR= 'Is -R' alias cd ../ ../ IsR #Task 18 unalias IsR alias #Task 19 nano .bashrc alias IsR= 'Is -R'

cat .bashrc

IsR

#Task 20

cat > .aliasFile

alias noAllf= 'ls -a | wc -l'

nano .bashrc

source .aliasFile

#Task 21

cat >> .aliasFile

Alias noAsubsir= 'Is -aR | wc -I'

..bashrc

#Task 22

cat >> .aliasFile

alias noAcs= 'ls -aR | grep ^[g,t,w]'

alias

cat .aliasFile

#Task 23

noAllf

#Task 24

noAsubsir

#Task 25

noAcs

#Task 26

Fc -I

#Task 27

Fc -e- -7

#Task 28

Fc -e- -c

3. CONCLUSION

The tasks are completed successfully and recorded in the script file named 17030696cw2. In addition, some rubbish is also cleaned before finalizing the report.

4. REFERENCES

Bibliography

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Available at: http://www.ee.surrey.ac.uk/Teaching/Unix/unixintro.html

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Raymond, E. S., 2003. The Art of Unix Programming. s.l.:s.n.