UnSat USK T0 - Linux Periodic testing A

You have only 30 minutes to finish all of the test contents.

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Which of those below are Unix based operating systems? *   5 points

- [x] Linux
- [ ] Windows
- [ ] Python
- [x] Mac OS
- [ ] Arduino
- [ ] Raspbian OS
- [ ] Debian

which terminal command tells you what your current or present working directory is? *   5 points

- ☐ pcd
- ☑ pwd
- ☐ psd
- ☐ cd
- ☐ ls

_____ mean that those items are optional. *   5 points

- ☐ ()
- ☑ []
- ☐ {}
- ☐ < >

Everything is a file in Linux/Unix *   5 points

- ☑ True
- ☐ False

Linux is an Extensionless System *   5 points

- ☑ True
- ☐ False

There are 3 types of paths we can use, absolute path and relative path and abstract path. *   5 points

- [ ] True
- [x] False

Absolute paths specify a location (file or directory) in relation to the root directory. You can identify them   5 points
easily as they always begin with a forward slash (/) *

- [x] True
- [ ] False

~ (tilde) - This is a shortcut for your home directory. *   5 points

- [x] Yes
- [ ] No
- [ ] Maybe

If you run the command `cd` without any arguments then it will always take you back to your **home**   5 points
directory. *

- [ ] True
- [x] False

/etc *   5 points

- [x] Stores config files for the system.
- [ ] Stores log files for various system programs.
- [ ] The location of several commonly used programs
- [ ] Another location for programs on the system

file.txt can be : *   5 points

- [x] plain text
- [x] image file
- [x] music file
- [x] video file
- [x] python code
- [x] log file
- [ ] windows program

We use which command to obtain information about what type of file a file or directory is? *   5 points

- [x] file
- [ ] ls
- [ ] ls -l
- [ ] man
- [ ] dir

Linux is Case Sensitive *

5 points

- ☑ Yes
- ☐ No
- ☐ Maybe

_____ list the contents of a directory, including hidden files. *

5 points

- ☐ ls -l
- ☑ ls -a
- ☐ ls -h
- ☐ ls

To look up the man page of any command, we can use _____ command in terminal: *

5 points

- ☑ man
- ☐ manual
- ☐ google
- ☐ yandex
- ☐ azt
- ☐ unisat

mkdir used to : *   5 points

☑ make a directory

☐ make a new file

☐ list contents

☐ look up manuals

What dose this command do ? file ./* *   5 points

☑ Find the file type of every file in a directory.

☐ Find all the contents in the list

☐ Move all the contents from the list

Which command is correct to move all files of type either jpg or png (image files) into another directory? *   5 points

☑ mv ./*.??g ./images

☐ mv ./*.??j ./images

☐ cp ./*.?g ./images

☐ mv ./*.p?g ./images

To change permissions on a file or directory we use a command called: *   5 points

- ☐ chper
- ☐ chdir
- ☐ chmd
- ☑ chmod
- ☐ unisat

The right permission in Number for -rw-r--r-x is? *   5 points

645

The right permission in Number for -r-xr--r-x is? *   5 points

545

_____ is a program that prints the first so many lines of it's input. By default it prints 10 lines. *   5 points

- ☑ head
- ☐ heed
- ☐ tail
- ☐ make
- ☐ cat
- ☐ list
- ☐ tac

_____ stands for number lines and it dose just that. *

5 points

☐ wc

☐ ch

☐ wl

☑ nl

We have our data in 3 columns, the first is a name, the second is a fruit and the third an amount. Let's say we only wanted the first column, the correct command would be: *

5 points

☑ cut -f 1 -d ' ' mysampledata.txt

☐ cut -f -1 -d ' ' mysampledata.txt

☐ ct -f 1 -d ' ' mysampledata.txt

☐ ct -f 1 -d ', ' mysampledata.txt

_____ command's job is to remove duplicate lines from the data *

5 points

☑ uniq

☐ unique

☐ uni

☐ uno

_____ matches exactly n times in regular expression. *   5 points

☑ {n}

☐ [n]

☐ ^n

☐ *n

_____ matches 1 or more times in regular expression. *   5 points

+

_____ matches the end of the line *   5 points

$

Every command we ran on the command line automatically has three data streams connected to it., they are ? *   5 points

- [x] STDIN
- [ ] STDINPUT
- [x] STDOUT
- [ ] STIN
- [ ] STOUT
- [ ] STER
- [ ] STERROR
- [ ] STERR
- [x] STDERR

The _____ operator indicates to the command line that we wish the programs output (or whatever it sends to STDOUT) to be saved in a file instead of printed to the screen. Let's see an example. *   5 points

- [x] >
- [ ] >>
- [ ] <
- [ ] |
- [ ] ||

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