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

- [ ] 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
- [x] pwd
- [ ] psd
- [ ] cd
- [ ] ls

_____ mean that those items are optional. *   5 points

- [ ] ()
- [x] []
- [ ] {}
- [ ] < >

Everything is a file in Linux/Unix *   5 points

- [x] True
- [ ] False

Linux is an Extensionless System *   5 points

- [x] 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 easily as they always begin with a forward slash (/) *   5 points

- [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** directory. *   5 points

- [ ] True
- [x] False

/etc *

5 points

- ☐ 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

- ☑ plain text
- ☐ image file
- ☐ music file
- ☐ video file
- ☐ python code
- ☐ log file
- ☐ windows program

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

5 points

- ☐ 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

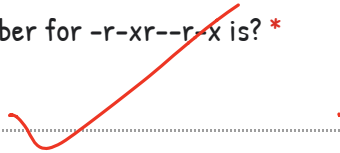The right permission in Number for -rw-r--r-x is? *   5 points

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
- [x] 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

- [x] 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

- [x] 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

☑ STDIN

☐ STDINPUT

☑ STDOUT

☐ STIN

☐ STOUT

☐ STER

☐ STERROR

☐ STERR

☑ 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

☑ >

☐ >>

☐ <

☐ |

☐ ||

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