UnSat USK T0 – Linux Periodic testing A

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

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Full name

Right Answers

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

- ☑ Linux
- ☐ Windows
- ☐ Python
- ☑ Mac OS
- ☐ Arduino
- ☑ Raspbian OS
- ☑ Debian

Python and Arduino are not OS!
Windows definetly not based on Unix

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   path ----absolute path and relative path

☑ 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 (/) *

☑ True

☐ False

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

☑ 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

☐ 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   File extensions mean nothing in Linux !!!

☑ video file   the name can be file.txt, but the content can be anything !

☑ 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

(handwritten: 4, 4+2, 5)

645

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

4+1 4 4+1

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   5 points
only wanted the first column, the correct command would be: *

- [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

+ ✓

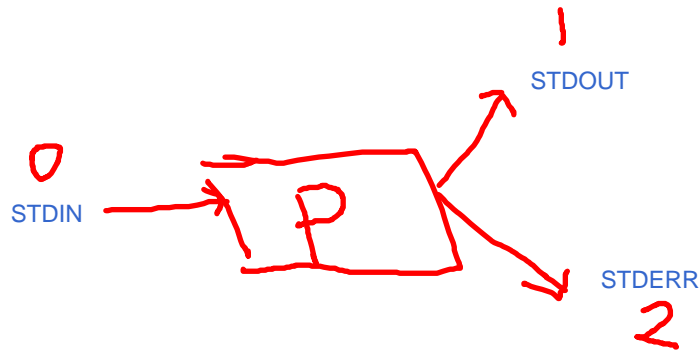_____ matches the end of the line *

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

STDOUT

1

STDIN ⟶ P ↗ STDOUT

0

STDERR

2

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

- ☑ > ✓
- ☐ >>   append
- ☐ <
- ☐ | pipe
- ☐ ||

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