UnSat USK T0 - Linux Periodic testing A

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

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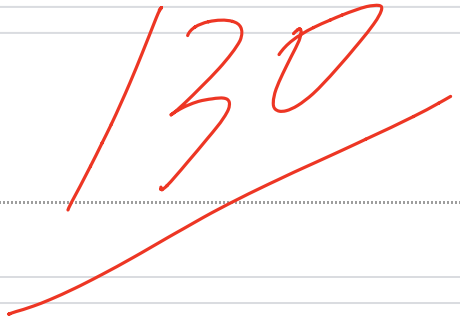
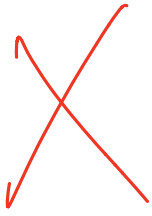


Which of those below are Unix based operating systems? * 5 points

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

- [x] True
- [ ] 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

- [x] True
- [ ] False

/etc * 5 points

- [ ] Stores config files for the system.
- [x] 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
- [ ] 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

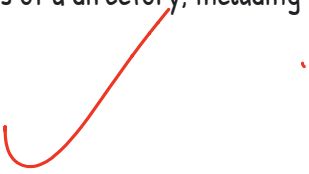
- [x] file
- [ ] ls
- [ ] ls -l
- [ ] man
- [ ] dir

Linux is Case Sensitive * 5 points

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

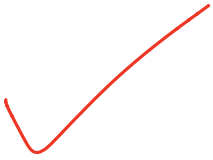
_____ list the contents of a directory, including hidden files. * 5 points

- [ ] ls -l
- [x] ls -a
- [ ] ls -h
- [ ] ls



To look up the man page of any command, we can use _____ command in terminal: * 5 points

- [x] man
- [ ] manual
- [ ] google
- [ ] yandex
- [ ] azt
- [ ] unisat



mkdir used to : * 5 points

- [x] make a directory
- [ ] make a new file
- [ ] list contents
- [ ] look up manuals

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

- [x] 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

- [x] 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
- [x] chmod
- [ ] unisat

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

110 100 101 645

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

101 100 101 545

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

- [x] 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

- [x] {n}
- [ ] [n]
- [ ] ^n
- [ ] *n

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

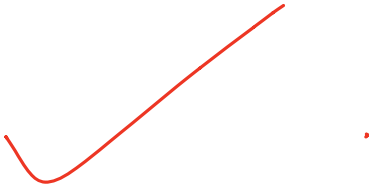
+

_____ 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] >
- [ ] >>
- [ ] <
- [ ] |
- [ ] ||