

Linux CLI Activity and Quiz

1. What is the phrase on line 8 of the first text file you come across?

Download the zip file and extract it. Will find the text file called asdafada.txt. The phrase in the line 8 of the text file is 'there's a snake in my boot'.

```
nitin@fedora ~/Documents> cd SBT_Linux_CLI-2/
nitin@fedora ~/D/GBT_Linux_CLI-2> ls
asdafada.txt  Home/
nitin@fedora ~/D/GBT_Linux_CLI-2> strings asdafada.txt
1 ..'.'.'.;.
2'###.#.#\
3/'#./#/#/#'
4;;==-\...1
5'\')\[===1111
6\[11\;1.]'1']\
71;];];\[1]1...
there's a snake in my boot
nitin@fedora ~/D/GBT_Linux_CLI-2> cat asdafada.txt
1 ..'.'.'.;.
2'###.#.#\
3/'#./#/#/#'
4;;==-\...1
5'\')\[===1111
6\[11\;1.]'1']\
71;];];\[1]1...
there's a snake in my boot
9
10
11
12
13
14
```

2. There are two files with incorrect extensions, what are their filenames? (Without the file extensions, in the format: filename1 filename2)

Check the files in the HOME folder. There will be text file and zip file. Check using the file command if the extension has been changed. The 2 files: doggo pancakerecipe

```
nitin@fedora ~/D/GBT_Linux_CLI-2> cd Home/
nitin@fedora ~/D/S/Home> ls
0001/  371339__johanneskristjansson__cheer-crowd.mp3  415209__i
nitin@fedora ~/D/S/Home> file doggo.zip
doggo.zip: JPEG image data, JFIF standard 1.01, resolution (DPI
nitin@fedora ~/D/S/Home> file pancakerecipe.txt
pancakerecipe.txt: PNG image data, 1480 x 94, 8-bit/color RGBA,
nitin@fedora ~/D/S/Home> 
```

3. One of these incorrect extension files hides a message, what is it?

The pancakerecipe.png photo shows the secret is message is sierra echo... but that's not the answer. Try to understand the meaning of it. The sequence "SIERRA ECHO CHARLIE ROMEO ECHO TANGO" represents the phonetic alphabet or NATO phonetic alphabet spelling for the word "SECRET." The hidden message is 'secret'.

4. There is a text file with the string "bankdetails" as part of the filename. What is the full filename? (Including file extension)

Use the command following command to get the filename.

`find /home/ -name "*bankdetails*"`

```
~/D/GBT_Linux_CLI-2> find /home/ -name "*bankdetails*"
Documents/GBT_Linux_CLI-2/Home/PersonalFiles/Work Stuff/11_09_2019_statement_bankdetails.txt
Documents/_MACOSX/GBT_Linux_CLI-2/Home/PersonalFiles/Work Stuff/.11_09_2019_statement_bankdetails.txt
~/D/GBT_Linux_CLI-2>
```

5. How many images are in the /Home/ directory? (Including files that SHOULD be images, if any) Already there will be 3 images and two should have been images but it was modified. So the final answer will be 5.

6. What is the flag value inside the text file within the hidden directory?

Search for the hidden directory in each directory using `ls -a` command. You will find a hidden directory in Work Stuff file. There will be a `readme.txt` file in that hidden folder which contains the flag value '106019BAL0S0A1'.

```
nitin@fedora ~/D/GBT_Linux_CLI-2> cd Home/
nitin@fedora ~/D/S/Home> cd PersonalFiles/
nitin@fedora ~/D/S/H/PersonalFiles> cd Work\ Stuff/
nitin@fedora ~/D/S/H/P/Work Stuff> ls -a
./  ../  11_09_2019_statement_bankdetails.txt  'Meeting Notes'/  .Private/
nitin@fedora ~/D/S/H/P/Work Stuff> cd .Private/
nitin@fedora ~/D/S/H/P/W/.Private> ls -a
./  ../  readme.txt
nitin@fedora ~/D/S/H/P/W/.Private> cat readme.txt
106019BAL0S0A1
```