Bandit 1= ZjLjTmM6FvvyRnrb2rfNWOZOTa6ip5If

Bandit 2=263JGJPfgU6LtdEvgfWU1XP5yac29mFx

Bandit 3= MNk8KNH3Usiio41PRUEoDFPqfxLPlS

ls to know the file name in current folder

file inhere to know the type(Directory)

cd inhere(to go to that directory)

ls shows nothing as it is Hidden file

man ls ( get us to know to get file name starting with . We use ls-a

file the name of the hidden file(ascii)

cat hidden file

Bandit 4= 2WmrDFRmJIq3IPxneAaMGhap0pFhF3NJ

We have to look for human readable files (which is mainly in text, ascii and etc.)

file ./\*

GIVES US THE FILE TYPE ALL FILES IN GIVEN FOLDER. The \* here means search all files in the directory.

We can also do file(cat) but it is not efficient for large no. of files.

Bandit 5:

4oQYVPkxZOOEOO5pTW81FB8j8lxXGUQw

ls

**Grep “millionth” data.txt** (used to find pattern in a data file ( so I used it for searching in a long list)).

Bandit 8

dfwvzFQi4mU0wfNbFOe9RoWskMLg7eEc

**sort data.txt | uniq -u**

Used to sort and remove duplicates from a data. Txt and -u is used to find the one which is coming just once.

**awk '{count[$0]++} END {for (line in count) if (count[line]==1) print line}' data.txt**

another method with awk which does Process each line one by one with logic you define.

Bandit 9

4CKMh1JI91bUIZZPXDqGanal4xvAg0JM

**strings data.txt | grep '[a-zA-Z0-9]\{32\}'**

strings data.txt helps us to find printable strings from binary files ( readable) so than from that we searched by we know the format of password its in either in uppercase and lowercase alphabets or in numbers.

**cat data.txt | grep -a '[a-zA-Z0-9]\{32\}'**

This can also be used .

Bandit 10

**FGUW5ilLVJrxX9kMYMmlN4MgbpfMiqey**

**cat data.txt**

The echo command is used to display text, variables, and special characters on the terminal.

**echo VGhlIHBhc3N3b3JkIGlzIGR0UjE3M2ZaS2IwUlJzREZTR3NnMlJXbnBOVmozcVJyCg== | base64 -d**

Used echo on code got form cat data.txt then we got the password

**cat data.txt | base64 -d**

Or this can also work (-d is used to decode base 64 code and without it it will encode it)

**Bandit 11**

dtR173fZKb0RRsDFSGsg2RWnpNVj3qRr