

Metasoft

This is a linux executable file, First of all you need to run it, after that you will get the usage message.

```
❯ ./metasoft
Usage : ./metasoft <key>
❯ ./metasoft key123
checking License : key123
Try Again!
```

When we try a key, it says to try again. So, how do you find the correct key?

First we need to look for printable strings in the binary file.

We can use **strings**. The **strings** command looks for printable strings in an object or binary file. If you find a string looks like a key. Try it!

```
❯ strings ./metasoft
/nix/store/9bh3986bpragfjmr32gay8p95k91q4gy-glibc-2.33-47/lib/ld-linux-x86-64.so.2
__printf_chk
puts
strcmp
__libc_start_main
libc.so.6
GLIBC_2.3.4
GLIBC_2.2.5
/nix/store/a9bfyc871war4d6kcf4kk9jcn4pr2ryp-nix-shell/lib64:/nix/store/a9bfyc871war4d6kcf4kk9jcn4pr2ryp-nix-shell/lib:/nix/store/9bh3986bpragfjmr32gay8p95k91q4gy-glibc-2.33-47/lib:/nix/store/0kiykyrnrpfhmjwxwx89kxr20hmf5304-gcc-10.3.0-lib/lib
__gmon_start__
[]A\A]A^A_
checking License : %s
MS-MDCTF-0123456
Access Granted!
Try Again!
Usage : %s <key>
;*3$"
```

So, try the key, it will work |~

Looking for more RE techniques to find the key ? watch the below video.

<https://youtu.be/3NTXFUxcKPc>