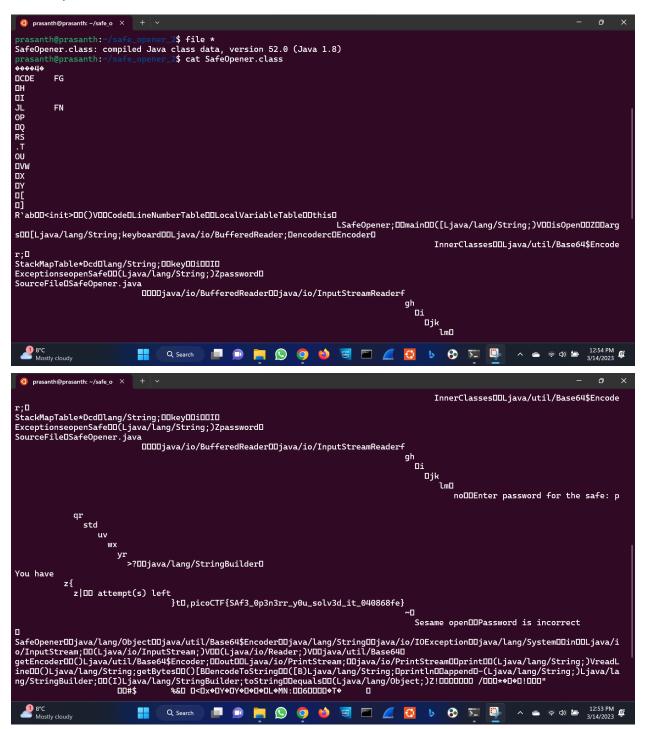
Safe Opener 2



Reverse

```
prasanth@prasanth: ~/revers × + ~
  {hello}:80
  {message}
 prasanth@prasanth:~$ mkdir reverse
prasanth@prasanth:~$ cd reverse
prasanth@prasanth: ^s cd reverse
prasanth@prasanth: ^/reverse$ ls
prasanth@prasanth: -/reverse$ ls
prasanth@prasanth: -/reverse$ wget https://artifacts.picoctf.net/c/368/ret
--2023-03-14 10:55:51-- https://artifacts.picoctf.net/c/368/ret
Resolving artifacts.picoctf.net (artifacts.picoctf.net)... 18.155.181.17, 18.155.181.7, 18.155.181.28, ...
Connecting to artifacts.picoctf.net (artifacts.picoctf.net)|18.155.181.17|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 16888 (16K) [application/octet-stream]
Saving to: 'ret'
                                               100%[======>] 16.49K --.-KB/s
                                                                                                                                                                           in 0s
2023-03-14 10:55:52 (39.1 MB/s) - 'ret' saved [16888/16888]
                                   verse$ file *
ret: ELF 64-bit LSB pie executable, x86-64, version 1 (SYSV), dynamically linked, interpreter /lib64/ld-linux-x86-64.so.2, B uildID[sha1]=936ffedb312ba57a05ea3136c17b3ea2f7d9a419, for GNU/Linux 3.2.0, not stripped
 prasanth@prasanth:~/reverse$ chmod +x ret
prasanth@prasanth:~/reverse$ ls
prasanth@prasanth:~/reverse$ ./ret
Enter the password to unlock this file: lsasa
 You entered: lsasa
 Access denied
              prasanth:~/reverse$ strings ret
 /lib64/ld-linux-x86-64.so.2
 libc.so.6
  _isoc99_scanf
  8°C
Mostly cloudy
                                                             Q Search
 Enter the password to unlock this file: lsasa
You entered: lsasa
 Access denied
 prasanth@prasanth:~/reverse$ strings ret
/lib64/ld-linux-x86-64.so.2
libc.so.6
__isoc99_scanf
 puts
 __stack_chk_fail
__stack_chk_fall
printf
__cxa_finalize
strcmp
__libc_start_main
GLIBC_2.7
GLIBC_2.4
GLIBC_2.2.5
_ITM_deregisterTMCloneTable
gmon start
 __gmon_start__
_ITM_registerTMCloneTable
u+UH
picoCTF{H
3lf_r3v3H
r5ing_suH
cce55fulH
 _362575aH
[]A\A]A^A_
Enter the password to unlock this file:
 You entered: %s
 Password correct, please see flag: picoCTF{3lf_r3v3r5ing_succe55ful_362575a1}
 Access denied :*3$"
  8°C
Mostly cloudy
                                                             Q Search
```