



UTCTF 2020

Reverse Engineering : [basics] reverse engineering

Value : 50 Pts

Description : I know there's a string in this binary somewhere.... Now where did I leave it?

Attachment : calc (binary)

Solutions :

Giving the executions right to the binary and run it.

```
root@kali:~/Téléchargements# chmod +x calc
root@kali:~/Téléchargements# ./calc
Enter an operator (+, -, *,,): +
Enter two operands: 25 40
25.0 + 40.0 = 65.0root@kali:~/Téléchargements#
```

As we can see, its a simple calculator.

Running «strings» combined to «grep» by searching the word «utflag{»on it and we get the flag.

```
root@kali:~/Téléchargements# strings calc | grep "utflag{"
utflag{strings_1s_y0ur_fr13nd}
```

Flag : **utflag{strings_1s_y0ur_fr13nd}**