

# ångstromCTF 2020

## Rev : Revving Up

Description : Clam wrote a program for his school's cybersecurity club's first rev lecture! Can you get it to give you the flag? You can find it at /problems/2020/revving\_up on the shell server, which you can access via the "shell" link at the top of the site.

Attachment : revving\_up (binary)

## Solution :

Download the binary, and look his content with “strings”.

```
kali@kali:~# strings revving_up
```

```
flag.txt
Cannot read flag file.
Congratulations on running the binary!
Now there are a few more things to tend to.
Please type "give flag" (without the quotes).
give flag
You entered "%s", not "give flag". Please try again.
Good job!
Now run the program with a command line argument of "banana" and you'll be done!
banana
You provided "%s", not "banana". Please try again.
Well I think it's about time you got the flag!
```

As we can see, if we run the program with the argument “**banana**”, then send “**give flag**” and it will print the content of “**flag.txt**” file.

So I accessed to the shell server with the SSH credentials of my team and run the binary on it.

```
team5506@actf:/problems/2020/revving_up$ ls
flag.txt  revving_up
team5506@actf:/problems/2020/revving_up$ ./revving_up banana
Congratulations on running the binary!
Now there are a few more things to tend to.
Please type "give flag" (without the quotes).
give flag
Good job!
Well I think it's about time you got the flag!
actf{g3tting_4_h4ng_0f_l1nux_4nd_b4sh}
```

**Flag : actf{g3tting\_4\_h4ng\_0f\_l1nux\_4nd\_b4sh}**