

# First of all, we need to decompress the file :  
apktool d ./flag.apk

# Because it's a steganography challenge, I looked through images and the only JPG I found was this :



# So the flag must be here. I uploaded it on **AperiSolve**, but nothing.

# The idea was to use **steghide** and find the password. Use this Python code to get the file :

```
import subprocess

def try_steghide():
    with open("rockyou.txt", "r", encoding = "utf-8", errors =
"ignore") as f:
        for nr, line in enumerate(f, 1):
            password = line.strip()
            command = f"steghide extract -sf ./splash.jpg -p
{password}"

            result = subprocess.run(command, shell = True,
capture_output = True, text = True)

            if result.returncode == 0:
                print(f"THE PASS : {password} (linia {nr})")
                break
```

```
def main() :  
    try_steghide()  
  
if __name__ == "__main__":  
    main()
```

THE FLAG :

ECSC{a3cfc7f4f812cc4b511f6de4dc150422f49e817c0f61321852a81e6b5f3961ba}

~Z4que