pwn_test

태그	포너블
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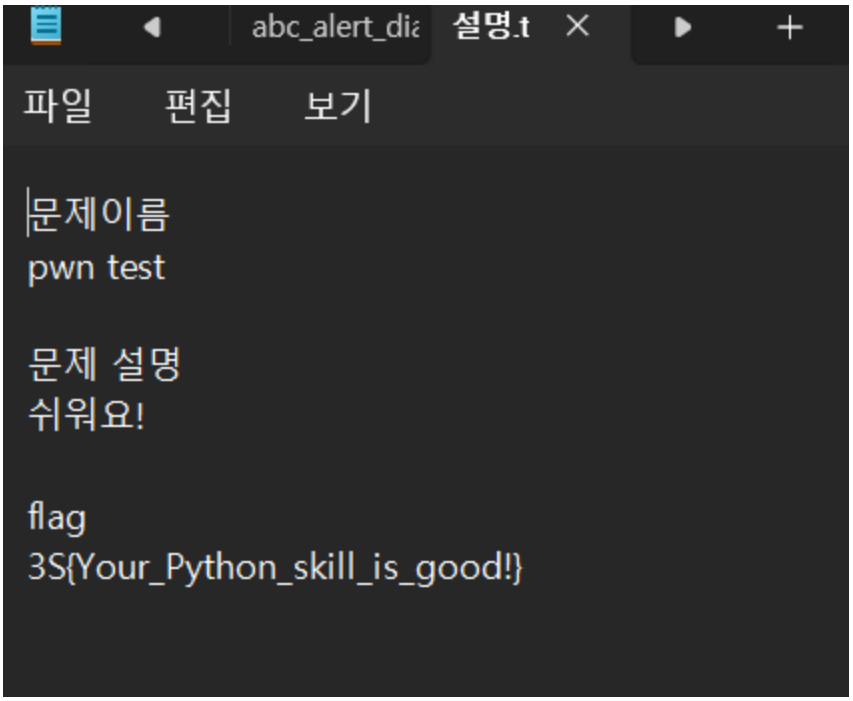

???

그냥 zip 파일 압축을 풀자 바로 이런 txt 파일이 나왔다.

동봉된 파이썬 코드는 다음과 같다.

```python
def generate_random_string(length):
    letters = string.ascii_letters + string.digits
    result_str = ''.join(random.choice(letters) for i in range(length))
    return 'flag{' + result_str + '}'

def main():
    n = random.randint(10, 20)
    print("Welcome to easy pwn test")
    print(f"You have to pass {n} tests")
    ok = input("If you are ready, please enter 3S₩n-> ")
    assert ok == "3S"
    for i in range(n):
        print(f"test {i + 1}")
        unique_id = str(uuid.uuid4())
        source_file = f'{unique_id}.c'
        executable = f'{unique_id}'
        try:
            with open(source_file, 'w') as cfile:
                cfile.write(compile(random.randint(0x10, 0x50)).strip())
            compile_process = subprocess.run(['gcc', '-no-pie', '-z relro', source_file, '-o', executable],
                                             stdout=subprocess.PIPE, stderr=subprocess.PIPE, timeout=5)
            assert compile_process.returncode == 0
            os.system(f'strip {executable}')
            with open(executable, 'rb') as prob:
                print(base64.b64encode(prob.read()))
            flag_str = generate_random_string(random.randint(0x18, 0x28))
            with open(f'flag', 'w') as flag:
                flag.write(flag_str)
            os.system(f'./{executable}')
            check = input("flag -> ")
            assert check == flag_str
        except AssertionError:
            print(f"test {i + 1} fail")
            exit()
        finally:
            os.system(f'rm flag {source_file} {executable}')
    print("3S{Your_Python_skill_is_good!}")
```

플래그

3S{Your_Python_skill_is_good!}