

3.py - C:\Users\sse\Documents\day 1\3.py (3.11.1)
File Edit Format Run Options Window Help

```
def is_happy(n):  
    seen = set()  
    while n not in seen:  
        seen.add(n)  
        n=sum(int(d)**2 for d in str(n))  
    return n==1  
print(is_happy(19))
```

IDLE Shell 3.11.1

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Python 3.11.1 (tags/v3.11.1:a7a450f, Dec 6 2022, 19:43:28) [MSC v.1934 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

>>>

===== RESTART: C:\Users\sse\Documents\day 1\3.py =====
True

>>> 19

19

>>>

Ln: 7 Col: 0