

```
# Armstrong

n = int(input("enter n value: "))

sum = 0

temp = n

while temp > 0:

    digit = temp%10

    temp = temp//10

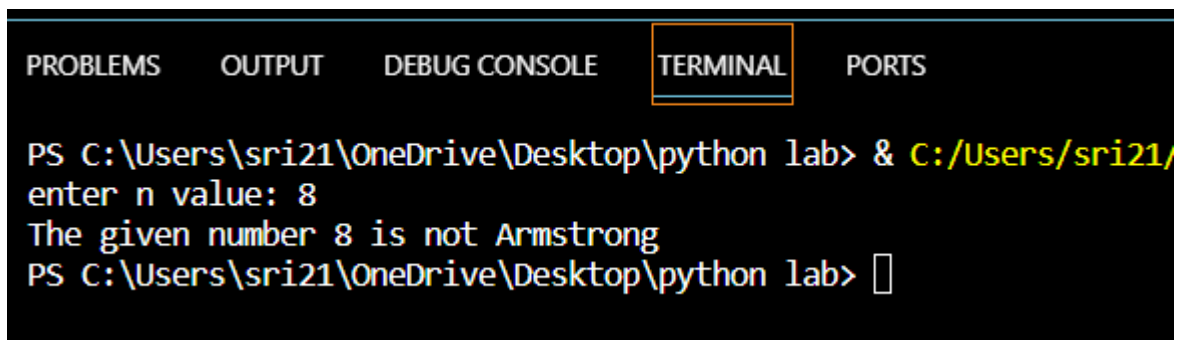
    sum = sum + (digit*digit*digit)

if sum == n:

    print (f"The given number {n} is Armstrong")

else:

    print (f"The given number {n} is not Armstrong")
```



The screenshot shows a terminal window with a dark background. At the top, there are five tabs: "PROBLEMS", "OUTPUT", "DEBUG CONSOLE", "TERMINAL" (which is selected and highlighted with a blue border), and "PORTS". Below the tabs, the terminal shows the following text: a PowerShell prompt "PS C:\Users\sri21\OneDrive\Desktop\python lab>" followed by a command to run a Python script. The script prompts "enter n value: 8". The output of the script is "The given number 8 is not Armstrong". The terminal ends with another PowerShell prompt "PS C:\Users\sri21\OneDrive\Desktop\python lab>" followed by a cursor.

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\sri21\OneDrive\Desktop\python lab> & C:/Users/sri21/
enter n value: 8
The given number 8 is not Armstrong
PS C:\Users\sri21\OneDrive\Desktop\python lab> █
```