

```
# Armstrong
```

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

```
sum = 0
```

```
temp = n
```

```
while temp > 0:
```

```
    digit = temp%10
```

```
    sum += digit**3
```

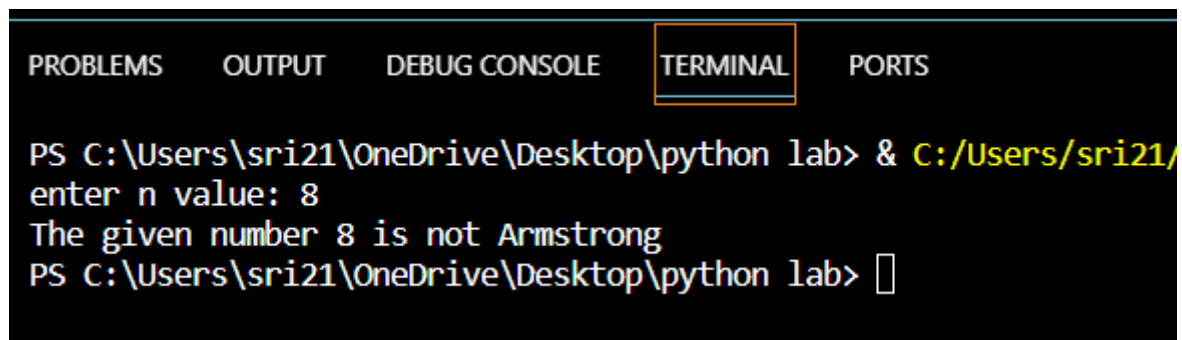
```
    temp //= 10
```

```
if sum == n:
```

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

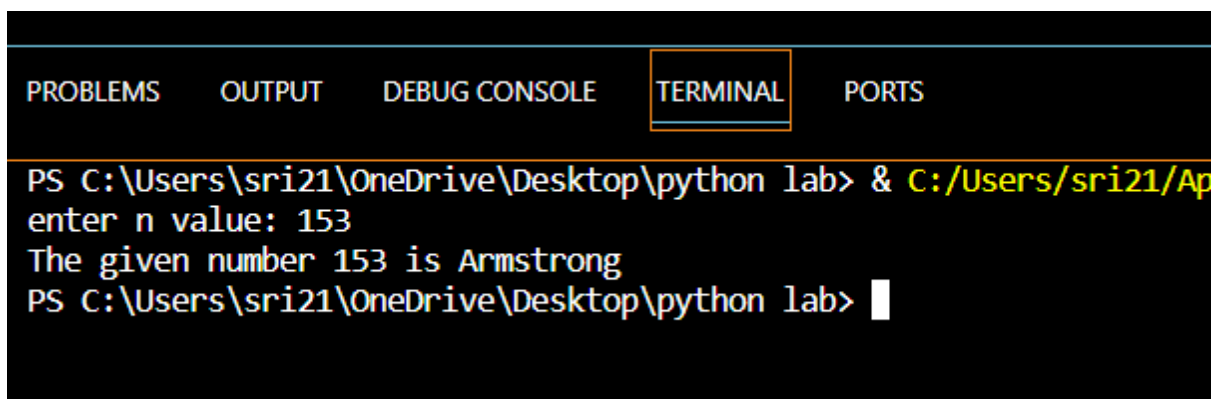
```
else:
```

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



```
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> 
```



```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

PS C:\Users\sri21\OneDrive\Desktop\python lab> & C:/Users/sri21/Ap
enter n value: 153
The given number 153 is Armstrong
PS C:\Users\sri21\OneDrive\Desktop\python lab> 
```