

```
In [1]: num=input('Enter a number:')
n=len(num)
result=0
for i in num:
    result+=int(i)**n
if(result==int(num)):
    print(num, ' is an Armstrong number')
else:
    print(num, ' is not an Armstrong number')
```

```
Enter a number:1634
1634 is an Armstrong number
```

```
In [ ]:
```