

Algorithm: Armstrong Number

Input: A number *num*.

Output: If *num* is Armstrong number or not.

```
if num < 0 return null
temp = num
sum = 0
while temp > 0, do
    rem = temp / 10
    sum = sum + power(rem, num.Length)
    temp = temp / 10
return sum

if num == sum
    return "armstrong number"
else
    return "not armstrong number"
```