**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”