Amstrong Number

Pseudo code

* Start
* Declare num, sum, i, count, a, c
* Read num
* If num<0
* Print “Number should be positive”.

Else

* Int a=num, c=num, sum=0, i=0, count=0
* Repeat until num<>0
* Count=count+1
* Num=num/10
* Repeat until c<>0
* i = c%10
* sum = sum + I ^ count
* c = c/10
* If a = sum
* Print “is an amstrong number”

Else

* Print “is not an amstrong number”
* Stop.