



Pseudocode:

start

Let variables n, t, i, sum, k be integers

Input n

Initialize $\text{sum}=0$

Let $k=n$

While $n>0$

$i=n\%10$

$n=n/10$

$t=i$

$\text{sum}=\text{sum}+(t^3)$

if $\text{sum}==k$

 output it's an Armstrong number

if not

 output its not Armstrong number

end