#include <stdio.h>

int main()

{

int sum;

int a;

int t;

int tt;

printf("enter a number :");

scanf("%d",&a);

tt=a;

while (a!=0)

{

if (a!=0)

t=(a%10);

sum+=t\*t\*t;

a=a/10;

}

if (sum==tt)

printf("it is an armstrong number");

else

printf("it is not an armstrong number");

return 0;

}