#include<stdio.h>

int main()

{

int org,num,total=0,rem=0;

printf("enter your number");

scanf("%d",&num);

org=num;

while(num!=0)

{

rem=num%10;

total=total+rem\*rem\*rem;

num=num/10;

}

if(total==org)

{

printf("armstrong = %d",org);

}

else{

printf("not armstrong = %d",org);

}

}

Output:

