#include<stdio.h>

int main()

{

int n,r,sum=0,temp;

printf("enter a number");

scanf("%d",&n);

temp=n;

while(n>0)

{

r=n%10;

sum=sum+(r\*r\*r);

{

n=n/10;

}

}

if(temp==sum)

{

printf(" armstrong number \n");

}

else

{

printf(" not an armstrong number \n");

}

}