```
Enter a number:153
153 is an Armstrong Number.Enter a number:507
507 is not an Armstrong Number.Enter a number:_
```

```
#include<stdio.h>
void main()
{
int num,x,t,sum=0;
printf("Enter a number:");
scanf("%d",&num);
t= num;
while(t!=0)
{
r=t%10;
sum=sum + r*r*r;
t=t/10;
}
if(num==sum)
{
printf ("%d is an Armstrong Number.", num);
}
else
{
printf ("%d is not an Armstrong Number.", num);
}
}
```