

```
# PROGRAM TO PRINT THE GIVEN NUMBER IS ARMSTRONG OR NOT
```

```
x=int(input('enter any number:'))
```

```
print(x)
```

```
t=x
```

```
s=0
```

```
while x>0:
```

```
    r=x%10
```

```
    s=s+r**3
```

```
    x=x//10
```

```
print(sum)
```

```
if t==s:
```

```
    print('Armstrong number',s)
```

```
else:
```

```
    print('Not an armstrong number',s)
```

output:

```
enter any number:345
```

```
345
```

```
Not an armstrong number 216
```

```
# PROGRAM TO PRINT THE FIBONACCI SERIES FOR GIVEN NUMBER OF TERMS
```

```
n=int(input('enter the number for the series'))  
fn=0  
sn=1  
print(fn,end=" ")  
print(sn,end=" ")  
for i in range(3,n):  
    ln=fn+sn  
    fn=sn  
    sn=ln  
    print(ln,end=" ")  
    i=i+1  
print()
```

OUTPUT:

```
enter the number for the series8
```

```
0 1 1 2 3 5 8
```