

Problem Statement:

Python program to check given number is Armstrong or not

```
n=int(input("enter a digit:"))
```

```
count=0
```

```
temp=n
```

```
while temp!=0:
```

```
    temp//=10
```

```
    count+=1
```

```
number=count
```

```
temp1=n
```

```
sum=0
```

```
while temp1>0:
```

```
    rem=temp1%10
```

```
    sum=sum+(rem**number)
```

```
    temp1//=10
```

```
if(sum==n):
```

```
    print("Armstrong")
```

```
else:
```

```
    print("Not Armstrong")
```

OUTPUT:

```
enter a digit:153
```

```
Armstrong
```

```
enter a digit:22
```

```
Not Armstrong
```