Print the first ArmStrong number in the range of 1042000 to 702648265 and exit the loop as soon as you encounter the first armstrong number.use while loop

In [1]:

```
lower = 1042000
```

In [2]:

```
upper= 702648265
```

In [3]:

```python
for num in range(lower, upper + 1):
    order = len(str(num))
    sum = 0
    temp = num
    while temp > 0:
        digit = temp % 10
        sum += digit ** order
        temp //= 10
    if num == sum:
        print("The first armstrong number is.....", num)
        break
        print("Loop Ended",num)
```

The first armstrong number is..... 1741725

In [ ]: