```
In [2]: a=int(input("enter starting number"))
        b=int(input("enter last digit"))
        for i in range (a,b+1):
            order=len(str(i))
            sum=0
            temp=i
            while temp>0:
                digit = temp%10
                sum += digit**3
                temp //=10
            if i == sum:
                print("first number in given series is",i)
                break
```

enter starting number100
enter last digit500
first number in given series is 153

In [ ]: