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In [1]: # Armstrong number - Program
num = int(input("Enter a number: "))
result = 0
temp = num
while temp > 0:
    digit = temp % 10
    result += digit ** 3
    temp //=10
if num == result:
    print(num, "is an Armstrong number")
else:
    print(num, "is not an Armstrong number")
```

```
Enter a number: 370
370 is an Armstrong number
```

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In [9]: #Fibonacci Series - program
num = int(input("Enter the number: "))
n1,n2 = 0,1
count = 0
print("Fibonacci sequence: ")
while count < num:
    print(n1)
    sum = n1 + n2
    n1 = n2
    n2 = sum
    count += 1
```

```
Enter the number: 7
Fibonacci sequence:
0
1
1
2
3
5
8
```

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In [ ]:
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