

1. Python Program to check Armstrong Number?

```
num = int(input("Enter a number: "))

sum = 0

temp = num
while temp > 0:
    digit = temp % 10
    sum += digit ** 3
    temp //= 10

if num == sum:
    print(num,"is an Armstrong number")
else:
    print(num,"is not an Armstrong number")
Enter a number: 153
153 is an Armstrong number
```

2. Python Program **for** How to check **if** a given number **is** Fibonacci number?

```
num = 10
n1, n2 = 0, 1
print("Fibonacci Series:", n1, n2, end=" ")
for i in range(2, num):
    n3 = n1 + n2
    n1 = n2
    n2 = n3
    print(n3, end=" ")
print()
Fibonacci Series: 0 1 1 2 3 5 8 13 21 34
```