

## ▼ @Python Program to check Armstrong Number

```
num = int ( input ( "Enter the number: "))
temp = num
cnt = 0
while temp > 0:
    cnt = cnt + 1
    temp = temp // 10

sum = 0
temp = num
while temp > 0:
    rem = temp % 10
    sum = sum + pow (rem , cnt)
    temp = temp // 10

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

```
↳ Enter the number: 1634
   The number 1634 is an Armstrong number
```

## ▼ @Python Program for how to check if a given number is Fibonacci number?

```
num = int(input ("Enter any number :"))
n1, n2 = 3, 8
sum = 0
if num<=0:
    print ('Please enter number greater than 0')
else:
    for i in range (0, num):
        print (sum, end = " ")
        n1 = n2
        n2 = sum
        sum = n1 + n2

Enter any number :15
0 8 8 16 24 40 64 104 168 272 440 712 1152 1864 3016
```



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