

1) Python program to check if the number is an Armstrong number or not.

```
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")
```

2) Python program for how to check if a given number is Fibonacci number?

```
n = int(int("Enter the number:"))
```

```
c = 0
```

```
a = 1
```

```
b = 1
```

```
if n == 0 or n == 1;
```

```
    print("Yes")
```

```
else:
```

```
    while c < n:
```

```
        c = a + b
```

```
        b = a
```

```
        a = c
```

```
    if c == n:
```

```
        print("Yes")
```

```
    else:
```

```
        print("No")
```