

Assignment1 problem 1:

```
input_number=input()
no_of_digits=len(input_number)
total=0
for i in range(no_of_digits):
    total=total+int(input_number[i])**no_of_digits
if total==int(input_number):
    print("Given No is Armstrong number")
else:
    print("Not an Armstrong Number")
```

Assignment1 problem 2:

```
n1=0
n2=1
list_of_fib=[0,1]
input_number=int(input())
for i in range(input_number):
    n3=n2+n1
    if n3<=input_number:
        list_of_fib=list_of_fib+[n3]
        n1=n2
        n2=n3

if input_number in list_of_fib:
    print("Given no is Fibnocci Number")
else:
    print("Given no is not a Fibnocci Number")
```