Task 6

Write a pseudo code and a flow chart for finding the given number is an armstrong number or not.

Pseudocode for the armstrong number:

Declare variables n, sum, a as integer.

Get the output from user.

Assign sum=0.

Assign num=n.

If n>0 .

True means assign a= n%10.

Assign n = n/10.

Assign sum=sum+(a*a*a)

False means if num=sum

Than if the value is true output armstrong number or else it is not armstrong number.

```
Main
```

```
Integer n, sum, a, num
```

Output "Enter the number : "

Input n

sum = 0

num = n

n>0 — True

False

a = n%10

n = n/10

sum = sum+(a*a*a)

num=sum

False   True