```
Main
```

Armstrong number
153=[1*1*1]+[5*5*5]+[3*3*3]

Integer Total

Total = 0

String Value

Input Value

Integer Length

Length = 0 to len(value)-1 → Next

Total = Total+Tointeger(Char(value,length))^4

Done

Total=ToInteger(value)

False → Output "Is NOT an Armstrong Number"

True → Output "Is an Armstrong Number"

End

Pseudo code for Armstrong Number

START

Variable Total

Total=0

Variable Value and Length

Enter Value (I/O)

FOR Length = 0 to Value-1

Total= Total +Integer(Value,length)^4

IF Total=Integer(Value)

"Is an Armstrong Number"

ELSE

"Is not an Armstrong Number"

END