

Raptor - armstrong.rapto.rap

File Edit Scale View Run Mode Ink Window Generate Help

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Symbols

- Assignment
- Call
- Input
- Output
- Selection
- Loop

main

```
graph TD
    Start([Start]) --> Sum0[sum ← 0]
    Sum0 --> GetNum[/"enter any number"  
GET num/]
    GetNum --> GetOrder[/"digits of number"  
GET order/]
    GetOrder --> TempSum[temp ← sum]
    TempSum --> Loop((Loop))
    Loop --> Temp0{temp=0}
    Temp0 -- yes --> End([End])
    Temp0 -- no --> DigitCalc[digit ← temp%10]
    DigitCalc --> SumAdd[sum ← sum + digit ** order]
    SumAdd --> TempDiv[temp ← (temp-temp%10)/10]
    TempDiv --> Temp0
    Temp0 --> PutYes[PUT "yes,armstrong number"]
    Temp0 --> PutNo[PUT "no,not armstrong"]
    PutYes --> End
    PutNo --> End
```

digit: 3
num: 345
order: 3
sum: 216
temp: 0

MasterConsole

Font Font Size Edit Help

no,not armstrong

----Run complete. 25 symbols evaluated----

Clear

30°C Mostly cloudy

Search

ENG IN

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