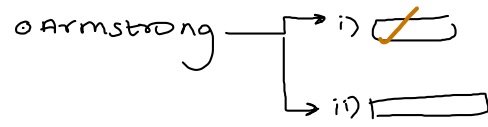


Q: num = 123

O/p: This is not an Armstrong number

num = 153

O/p: This is an Armstrong number



$$\begin{aligned} \text{Ex: } 153 &= 1^3 + 5^3 + 3^3 \\ &= 1 + 125 + 27 \\ &= 153 \end{aligned}$$

Armstrong number.

$$\begin{aligned} \text{Ex: } 123 &= 1^3 + 2^3 + 3^3 \\ &= 1 + 8 + 27 \\ &= 36 \end{aligned}$$

Not an Armstrong number.