**Definition of Armstrong number or what is an Armstrong number:**

**Definition according to c programming point of view:**

THOSE NUMBERS WHICH SUM OF THE CUBE OF ITS DIGITS IS EQUAL TO THAT NUMBER ARE KNOWN AS ARMSTRONG NUMBERS. FOR EXAMPLE 153 SINCE 1^3 + 5^3 + 3^3 = 1+ 125 + 9 =153

OTHER ARMSTRONG NUMBERS: 370,371,407 ETC.

**IN GENERAL DEFINITION:**

THOSE NUMBERS WHICH SUM OF ITS DIGITS TO POWER OF NUMBER OF ITS DIGITS IS EQUAL TO THAT NUMBER ARE KNOWN AS ARMSTRONG NUMBERS.

EXAMPLE 1: 153

TOTAL DIGITS IN 153 IS 3

AND 1^3 + 5^3 + 3^3 = 1 + 125 + 27 = 153

Example 2: 1634

Total digits in 1634 is 4

And 1^4 + 6^4 + 3^4 +4^4 = 1 + 1296 + 81 + 64 =1634

Examples of Armstrong numbers: 1, 2, 3, 4, 5, 6, 7, 8, 9, 153, 370, 371, 407, 1634, 8208, 9474, 54748, 92727, 93084, 548834, 1741725