**[Armstrong Number](https://leetcode.com/problems/armstrong-number/)**

**public** **class** ArmstrongNumber {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

System.***out***.println(*isArmstrong*(123));

}

**public** **static** **boolean** isArmstrong(**int** N) {

**int** number = N;

**int** count = 0;

**while**(number != 0) {

count++; //to track number of digits in given number

number = number/10;

}

**int** rem = 0;

**int** sum = 0;

number = N;

**while**(number != 0 ) {

rem = number % 10;

sum += Math.*pow*(rem, count); //calculate the value as per the armstrong value rule

number /= 10;

}

**if**(sum == N)

**return** **true**; //return true if calculated value is same as given number

**return** **false**;

}

}

Time Complexity : O(2n) , n is number of digits in given number

Space Complexity : O(1), constant space