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## Narcissistic number or Armstrong Number Check



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//Narcissistic(Armstrong) Number is a number that is the sum of its own digits each raised to the power of the number of digits

//VerifyArmStrongNumber(153);

//VerifyArmStrongNumber(1634);

```
public static void VerifyArmStrongNumber(Integer num) {  
  
    int temp = num;  
    int sum = 0;  
    int power = String.valueOf(temp).length(); //or int power = countDigit(num);  
  
    while(num > 0) {  
        sum = sum + (int) Math.pow(num % 10, power);  
        num = num / 10;  
    }  
  
    if(temp == sum)  
        System.out.println(temp + " Number is armstrong");  
  
    else  
        System.out.println(temp + " Number is NOT armstrong");  
  
}  
  
static int countDigit(long n)  
{  
    int count = 0;  
    while (n != 0) {  
        n = n / 10;  
        count++;  
    }  
    return count;  
}
```