Day 19 coding Statement : Write a program to identify if the number is Armstrong number or not

Description

Get an input number from user and check whether the given number is an Armstrong number or not.
E.g. Let the number be 1634,
Here 1^4 + 6^4 + 3 ^4 + 4^4 = 1634
Therefore, this is an Armstrong number

Input
153
Output
Armstrong number

Input
121
Output
Not an Armstrong number

```java
import java.util.Scanner;
import java.lang.Math;

public class RatanPrajapati_day19 {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int num = sc.nextInt();
        int temp = num;
        int len = (int) Math.log10(num) + 1;
        int sum = 0;
        while (num > 0) {
            sum += (Math.pow((num % 10), len));
            num /= 10;
        }
        if (sum == temp) {
            System.out.println("Armstrong number");
        } else {
            System.out.println("Not an Armstrong number");
        }
    }
}
```