**Recursion in java**

**Q1:** **Given an integer, find out the sum of its digits using recursion.**

**Ans:** [**code**](https://gist.github.com/Prince-GH/71db4acdc1507a8346e8c912193fe6c4)

**Q2: Given a number n. Find the sum of natural numbers till n but with alternate signs. That means if n = 5 then you have to return 1-2+3-4+5 = 3.**

**Ans:** [**code**](https://gist.github.com/Prince-GH/7abebd68a3d699d2805370bcfc846154)

**Q3: Print the max value of the array [ 13, 1, -3, 22, 5].**

**Ans: [code](https://gist.github.com/Prince-GH/ee24ee2fc9d2a57316296be25c0a0b3f)**

**Q4 : Find the sum of the values of the array [92, 23, 15, -20, 10].**

**Ans:** [**code**](https://gist.github.com/Prince-GH/968d47eb28690c340bbc175b38a4af39)

**Q5. Given a number n. Print if it is an Armstrong number or not. An Armstrong number is a number if the sum of every digit in that number raised to the power of total digits in that number is equal to the number.**

**Example: 153 = 1^3 + 5^3 + 3^3 = 1 + 125 + 27 = 153 hence 153 is an Armstrong number.**

**Ans:** [**code**](https://gist.github.com/Prince-GH/102a074e1a564fc7bc81a826ac7dfd5f)