Problem: Alternating Add and Subtract (Curried Function)

Company Tag: Squarespace

Problem Statement

You are asked to implement a function `add_subtract` that works in a **curried style** and alternately **adds** and **subtracts** the numbers passed to it.

- The **first number** is always added (considered as the starting point).
- The **second number** is subtracted.
- The **third number** is added.
- The **fourth number** is subtracted.
- And so on, alternating between addition and subtraction.

Examples

```
add_subtract(7)
Output: 7

add_subtract(1)(2)(3)
Steps: 1 + 2 - 3 = 0
Output: 0

add_subtract(-5)(10)(3)(9)
Steps: -5 + 10 - 3 + 9 = 11
Output: 11
```

Input Format

- Input will consist of a sequence of integers passed as curried arguments.

Output Format

- Return the final computed integer after applying alternating addition and subtraction.

Constraints

- Numbers can be **positive or negative**.
- At least **one number** will always be provided.
- You may assume that the function can handle up to `10^5` chained arguments without performance issues.

Sample Input & Output

Input:

```
add_subtract(5)(6)(7)
```

Output:

```
4
```

Explanation:
```
5 + 6 - 7 = 4
```

Java Code Stub

```
public class AlternatingSum {

    // Your task: Implement add_subtract curried style
    public static AlternatingSum add_subtract(int num) {
        // Implement logic here
        return null; // placeholder
    }

    public static void main(String[] args) {
        // Example test cases
        System.out.println(add_subtract(7));            // 7
        System.out.println(add_subtract(1)(2)(3));      // 0
        System.out.println(add_subtract(-5)(10)(3)(9)); // 11
    }
}
```
