I. Program

Question 1

Revisit Late

How to Attempt?

Find result after alternate add_sub on N:

Given a number N (1<=N<=10000), and an option opt=1 or 2, find the result as pe
below rules, If opt=1,
Result= N – (N-1) + (N-2) - (N-3) + (N-4) . . . till 1
If opt=2,
Result= N + (N-1) - (N-2) + (N-3) - (N-4) . . . till 1

Example1: If N = 6, and opt=1
Result = 6 – 5 + 4 – 3 + 2 – 1 = 3

Example2: If N = 6, and opt=2
Result = 6 + 5 - 4 + 3 - 2 + 1 = 9

The function prototype should be as below –
int AddSub(int N, int opt);

1

Attempted: 1/1

JAVA7 | Compiler: Java - 1.7

```java
import java.io.*;
import  java.util.*;

// Read only region start
class UserMainCode
{

    public int AddSub(int input1,int input2){
        // Read only region end
        // Write code here...

    int result = input1;
    boolean add;

    if (input2 == 1)
        add = false;
    else
        add = true;

    for (int i = input1 - 1; i >= 1; i--) {

        if (add)
            result += i;
        else
            result -= i;

        add = !add;
    }

    return result;
}
```

Use Custom Input

Compile a

try code while dialing) +1 (800) 265-6038 +91 80471-90902