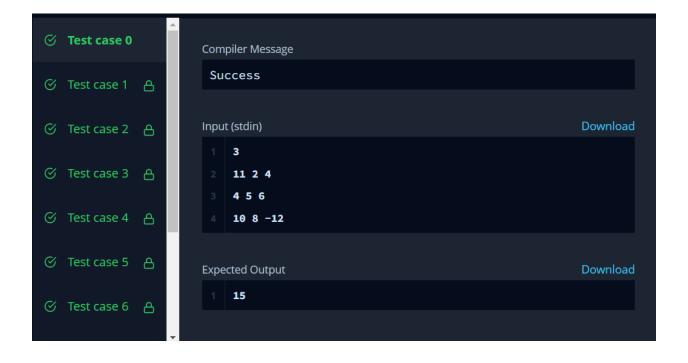
Amechi Aduba 9/6/23 Clark University CS 160

## **Diagonal Difference**

```
∨ class Result {
         * Complete the 'diagonalDifference' function below.
         * The function is expected to return an INTEGER.
          * The function accepts 2D_INTEGER_ARRAY arr as parameter.
         public static int diagonalDifference(List<List<Integer>> arr) {
         // Write your code here
             int first_diagonal = 0;
             int second_diagonal = 0;
for (int i = 0; i < arr.size(); i++){</pre>
                 first_diagonal += arr.get(i).get(i);
             for (int i = 0; i < arr.size(); i++){</pre>
                 second_diagonal += arr.get(arr.size() - i - 1).get(i);
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             int difference = first_diagonal - second_diagonal;
             return Math.abs(difference);
```



## **Staircase**

## **Fetching Results**