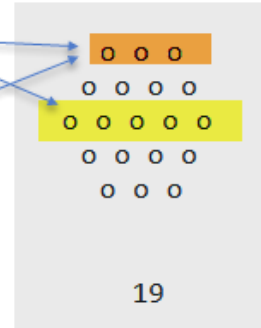


# ISSUE ENCOUNTERED

```
This is the Nth term: 3
Middle disector (beads): 5
Number rows above or below: 2
*****FINAL TOTAL: 1
CURRENT RUNNING TOTAL BEADS: 0
BEADS in: 2 row above disector is: 3
*****length sj: 2
R: 2
This is front padding:--
This is length StringJoiner: 2
these are the beads on row(2):0 0 0
StringJoiner to be filled on row: 0
*****length sj: 2
R: 2
This is front padding:--
This is length StringJoiner: 2
these are the beads on row(2):0 0 0
StringJoiner to be filled on row: 1
CURRENT RUNNING TOTAL BEADS: 3
Checking if key (3) in HashMap
Currently processed row 3: true with result: 3
Has existing key(3,3) in map: false
No key entry(3) in hashmap. To be added (3)
```

It can be seen that this is correct



THIS IS OK

The problem is here. It is going through 0=>R for each row

So it writes the same beads on each row to all locations in StringJoiner

```

BEADS in: 1 row above disector is: 4
*****8length sj: 2
R: 2
This is front padding:-
This is length StringJoiner: 2
these are the beads on row(1):0 0 0 0
StringJoiner to be filled on row: 0
*****8length sj: 2

```

```

R: 2
This is front padding:-
This is length StringJoiner: 2
these are the beads on row(1):0 0 0 0
StringJoiner to be filled on row: 1

```

```

CURRENT RUNNING TOTAL BEADS: 7

```

```

Checking if key (4) in HashMap
1*****FINAL TOTAL: 19      (7x2)+5

```

```

***Hexagon Arrangement***

```

```

-0 0 0 0
-0 0 0 0
0 0 0 0 0
-0 0 0 0
-0 0 0 0

```

```

number provided: 999179

```

```

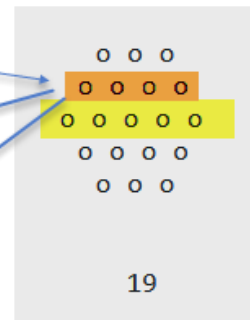
Final Total: 19

```

```

This is FinalTotal: 19

```



This is nature of the issue. It is now even MORE CRITICAL since it has overwritten the previous row. Although it appears to be something relatively easy to fix, I was just unable to find a solution.

We can see impact that it has where it writes same content into StringJoiner. THIS IS SAME TREND FOR ALL HEXAGONS!

```

1*****FINAL TOTAL: 61      (26x2)+9

```

```

***Hexagon Arrangement***

```

```

-0 0 0 0 0 0 0 0
-0 0 0 0 0 0 0 0
-0 0 0 0 0 0 0 0
-0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0
-0 0 0 0 0 0 0 0
-0 0 0 0 0 0 0 0
-0 0 0 0 0 0 0 0
-0 0 0 0 0 0 0 0

```

```

1*****FINAL TOTAL: 91      (40x2)+11

```

```

***Hexagon Arrangement***

```

```

-0 0 0 0 0 0 0 0 0 0
-0 0 0 0 0 0 0 0 0 0
-0 0 0 0 0 0 0 0 0 0
-0 0 0 0 0 0 0 0 0 0
-0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0
-0 0 0 0 0 0 0 0 0 0
-0 0 0 0 0 0 0 0 0 0
-0 0 0 0 0 0 0 0 0 0
-0 0 0 0 0 0 0 0 0 0

```

```

number provided: 999179

```

```

Final Total: 91

```

```

This is FinalTotal: 91

```