

```
i Java

    Autocomplete

   1 •
         class Solution {
   2 🔻
             public List<List<Integer>> shiftGrid(int[][] grid, int k)
   3
                 int m = grid.length;
   4
                 int n = grid[0].length;
                 int total = m * n;
// if shifting total times, it shifts back to orignal
   5
   6
        state
   7
                 k = k \% \text{ (total)};
   8
                 List<List<Integer>> result = new ArrayList<>();
   9 🔻
                 for(int i = 0; i < m; i++) {</pre>
                      List<Integer> list = new ArrayList<>();
  10
                      result.add(list);
  11
                      for (int j = 0; j < n; j++) {
  12 1
                                        original place index in 1D array
  13
                          // i * n + j - k is to get value k steps
  14
        before
                          int index = ((i * n + j) - k + total) %
  15
        total;
  16
                          list.add(grid[index / n][index % n]);
  17
  18
  19
                 return result;
  20
  21
        }
```

☆ Premium

Your previous code was restored from your local storage. Reset to default

Contribute i

Console -