Q1. Read 10 single digit values and display vertical frequency distribution. Suppose the numbers read are 0, 2, 0, 2, 0, 3, 5, 5, 6, 9. The frequency distribution is:

```
0      3
1      0
2      2
3      1
4      0
5      2
6      1
7      0
8      0
9      1
```

The corresponding vertical distribution pattern is

```
*
*    *      *
*   * *   * *     *
0 1 2 3 4 5 6 7 8 9
```

Q2. Read 10 numbers and store them in an array. Now read a single digit number 'n' and perform circular left shift of array elements by 'n' positions.
Suppose an array has following elements:
35 28 94 62 50 37 82 11 16 91 and n is 3, then the output should be:

62 50 37 82 11 16 91 35 28 94