Lab Goal :
The lab was designed to help you review classes, objects, files, arrays, and matrices.

Lab Description :
Each number in the file is the size of a spiral matrix.   Take each number and print a spiral matrix that size.

Sample Data :

```
5                          # of data sets in the file -  5
8
7
3
2
1
```

Files Needed ::
```
SpiralMatrix.java
Lab01d.java
```

Sample Output :

```
1      16     15     14     13
2      17     24     23     12
3      18     25     22     11
4      19     20     21     10
5      6      7      8      9


1      28     27     26     25     24     23     22
2      29     48     47     46     45     44     21
3      30     49     60     59     58     43     20
4      31     50     61     64     57     42     19
5      32     51     62     63     56     41     18
6      33     52     53     54     55     40     17
7      34     35     36     37     38     39     16
8      9      10     11     12     13     14     15


1      24     23     22     21     20     19
2      25     40     39     38     37     18
3      26     41     48     47     36     17
4      27     42     49     46     35     16
5      28     43     44     45     34     15
6      29     30     31     32     33     14
7      8      9      10     11     12     13


1      8      7
2      9      6
3      4      5


1      4
2      3


1
```

algorithm help

You must fill the matrix by going DOWN, OVER(left to right), UP, and OVER(right to left).

```
D
D
D
D O O O


do
   for loop to down
   for loop for over
   for loop for up
   for loop for across
while
```