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
8
7
3
2
1
```

# of data sets in the file - 5

Files Needed ::
```
SpiralMatrix.java
SpiralMatrixRunner.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
```