Problem Set 2 Exercise #17: Print Square

Reference: Lecture 4 notes

Learning objective: Nested loops

Estimated completion time: 35 minutes

Problem statement:

[CS1010 AY2013/14 Semester 1 Mid-term Test, Q9]

Write a program **PS2_Ex17_PrintSquare.java** that reads in a positive integer *k*, prints a square of length *k* (*k* > 1). Three examples of squares are as shown below. Note that there are no leading/trailing spaces on each line.

Useful tips:

What's the relationship between *k* and the number of lines to print out?

Sample run #1:

```
Enter k: 2
**
**
```


Sample run #2:

```
Enter k: 3
***
* *
***
```


Sample run #3:

```
Enter k: 5
*****
*   *
*   *
*   *
*****
```