

# Lab 05

## Numbers Squared!

### Objective:

Write a program that prompts the user for a 4 digit whole number (we assume the users will enter this correctly) and then displays it squared! No, not the mathematical squaring silly goose. This will make a square box of the number! WHOA! The top is the number, the left hand side is the number but going down, the bottom is the number reversed, and the right hand side is the number going up.

### Example Dialog:

```
Enter a 4 digit number
1234
1234
2   3
3   2
4321
```

### Lab Report Questions:

1. In order to get the 5<sup>th</sup> letter in a String variable then what method and parameter(s) needs to be called?
2. In order to get the smaller String that ranges from the 3<sup>rd</sup> letter to the 8<sup>th</sup> letter, then what method and parameter(s) need to be called?

### Finally:

Upload the .java file to the dropbox