

CSC 2310: PRINCIPLES OF COMPUTER PROGRAMMING

Lab 8

How to Submit

Please submit your answers to the lab instructor once you have completed.

Failure to submit will result in a **ZERO FOR THIS LAB. NO EXCEPTIONS.**

1. Write a program that calls a recursive method called writeSquares that accepts an integer parameter n and prints the first n squares separated by commas, with the odd squares in descending order followed by the even squares in ascending order. For example, writeSquares(n) prints the following output:

```
writeSquare(9); 81, 49, 25, 9, 1, 4, 16, 36,
```

```
writeSquare(1); 1
```

```
writeSquare(8); 49, 25, 9, 1, 4, 16, 36, 64
```

```
writeSquare(4); 9, 1, 4, 16
```

You should have correct main method(). (40 points)

Put all your codes in one file. Your file must be runnable. (10 points)

Your file name and class name should contain your first name. (5points)

Just submit .java file.

Put your lab time on the comment board of dropbox.