WIT COMP1000 Computer Science I

Prof. Thai

Student:

**Lab8: Display Integer Reversed**

1. **ReverseInteger** (ReverseInteger.java)

Write a method with the following header to display an integer in reverse order:

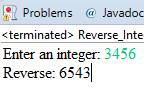
*public static void reverse(int number)*

Write a main() method to test the reverse() method using the following data:

Enter an integer: 3456

Reversed: 6543

**TAKE A SCREENSHOT** of the console window showing the above sample run.

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1. **Patterns** (Patterns.java)
2. Write a method to display a pattern as follows:

1

2 1

3 2 1

:

:

n n-1 … 3 2 1

The method header is:

*public static void displayPattern(int n)*

**TAKE A SCREENSHOT** of the console window showing the above sample run.

1. Write a method to display a pattern as follows:

1

2,1

3,2,1

:

:

n,n-1, …,3,2,1

Where s is the character passed into the method from the caller.

The method header is:

*public static void displayPattern(int n, String s)*

**TAKE A SCREENSHOT** of the console window showing the above sample run.

Write a main() method to test the above methods using the given data.

1. Submit your source code and this document to Blackboard for grading.