CSE 1321L: Programming and Problem Solving I Lab

Lab 2

Get Started with Coding

For each lab program you develop, make sure to include the following header - **replace the dots with your section number, semester, your full name, your instructor’s name, and lab number:**

Class: CSE 1321L

Section: ...

Term: ...

Instructor: ...

Name: ...

Lab#: ...

#### *Make sure to put the correct comment characters before the above lines in each file. C# & Java use // for comments.*

**Exercise #1:** Design and implement a program (name it Favorites) to print out on separate lines the following: your name, your birthday, your hobbies, your favorite book, and your favorite movie. Format the outputs following this sample run.

Sample run:

My name: Amy Edwards  
My birthday: 12/21/1998  
My hobbies: Reading, writing, baking  
My favorite book: Each Little Bird That Sings  
My favorite movie: The Series of Unfortunate Events

**Exercise #2:** Design and implement a program (name it Diamond) to print out the following shape using stars:

\*

\* \*

\* \* \*

\* \* \* \*

\* \* \*

\* \*

\*

**Exercise #3:** Design and implement a program (name it Rectangle) to calculate and display the *area* and *perimeter* of a rectangle with width = 4 and height = 8. Format the outputs following this sample run.

Sample run:

The width = 4  
The height = 8  
The area = 32  
The perimeter = 24

**Instructions:**

1. Programs must be working correctly.

2. Programs must be completed and checked before working the assignment.

3. Programs must be checked by the end of the designated lab session.

4. Programs (source code files and screenshot of output) must be uploaded to D2L by due date.