

Write your name below and indicate your role,

Project Manager (PM), Recorder (R)

Name _____ Role _____

Name _____ Role _____

Random Numbers and User Input

Your Tasks (Mark these off as you go)

- ☐ Create the UserInput driver class
- ☐ Write a lucky number generator
- ☐ Write a dice simulator
- ☐ Create a parital Mad Libs game
- ☐ Receive credit for the group portion of this lab

☐ Create the StringOperations driver class

Consider a class file called UserInput.java. In the space below, write code that could be used to declare the class and the main method.

☐ Write a lucky number generator

Write a “lucky” number generator that will create random numbers between 0 and 100 (100 not inclusive).

The output to the console should be displayed in a single line separated by commas exactly as shown (your numbers will obviously be different than my numbers ;-)).

My lucky numbers are: 5, 66, 42

□ Write a dice simulator

Create a 6-sided dice simulator, that creates 3 random numbers between 1 and 6 (6 is inclusive), where each number represents a different side of the die.

The output to the console should be displayed in another line separate by commas exactly as shown.

You rolled the following numbers: 1, 4, 1

□ Create a partial Mad Libs game

Mad Libs is a phrasal template word game where one player prompts the other for a list of words to substitute for blanks in a story, before reading the – often comical or nonsensical – story aloud. Consider the following example,

"_____! he said _____ as he jumped into his convertible
exclamation *adverb*
_____ and drove off with his _____ wife."
noun *adjective*

Beneath each blank is specified a category, such as "noun", "verb", "place", "celebrity", "Exclamation" or "part of the body".

Write code that could be used to prompt the user for at least 5 pieces of information. The information you collect, must include the following data types: String, int, double

☐ **Receive Credit for the group portion of this lab**



Before you submit your lab have Ms. Pluska check off the above tasks

Do not continue until you have Ms. Pluska's (or her designated TA's) signature _____