

Lab 04: Pair of Dice

Instructions: Using the Die class defined in Chapter 5 of the Java Foundation book, design and implement a PairOfDice class that has two Die objects. Make sure to include getters and setters for the Die class. The program will ask for the values of each die (1-6) and then output the sum of the two dies. If the value of the die is -1, then the program will randomly generate a value for that die.

Input format:

Input the value of the first die: <number1>
Input the value of the second die: <number2>

Output format:

The sum is: <number1 + number2>

Example Input 1:

Input the value of the first die: 1
Input the value of the second die: 5

Example Output 1:

The sum is: 6

Example Input 2:

Input the value of the first die: -1
Input the value of the second die: 5

Example Output 2:

The sum is: 8

(Note that die 1 was random generated to 3. The sum could be from 6-11.)

Starting your lab:

You will have to create a project in IntelliJ located in you lab04 directory of your repository. If you accidentally create it outside the repository, close IntelliJ and move the directory over in file explorer. Also note, that you will have to create a die class in addition to your Main class for this lab. Please Google, or go over the lecture if you are having issues.

How to turn in:

Turn in via GitHub. Ensure the file(s) are in your lab04 directory and push via IntelliJ (VCS ↑)
OR use the command line:

- \$ git add <files>

- \$ git commit
- \$ git push

Due Date: September 17, 2015 2359

Teamwork: No teamwork, your work must be your own.