

CSSE 374: Lab 2-2

Before you answer any questions, download the **Lab2-2.zip** file from Moodle and import it as a Java project in your Eclipse IDE. Answer the following question based on the source code provided in the project. Clearly state the name of the class, method, and the line number range when referring to the source code in your answers.

Questions

1. Describe briefly how each of the following coupling types are manifested (or not manifested) in the project and how could they be transformed from tighter to looser coupling. **[21 points]**

- a. Content Coupling
- b. Common Coupling
- c. External Coupling
- d. Control Coupling
- e. Stamp Coupling
- f. Data Coupling
- g. Message Coupling

2. Briefly explain if the following types of cohesion are present in the project. **[14 points]**

- a. Coincidental
- b. Logical
- c. Temporal
- d. Procedural
- e. Communicational
- f. Sequential
- g. Functional

3. List all violations of the command-and-query separation principle in the project? **[5 points]**

Deliverables

Turn in a **pdf [not zip]** file with your answers on Moodle. Name it **Lab-2-2.pdf**.