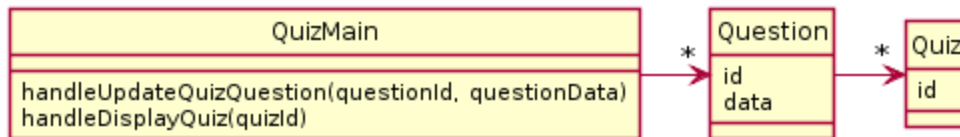


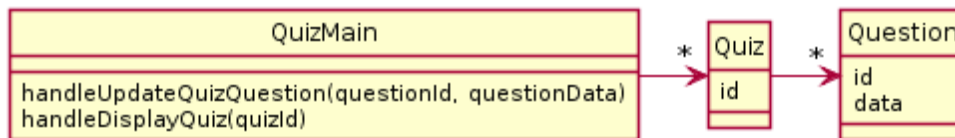
Design Problems, HW1 Name: _____ CM: _____

Online quiz: In an online quiz system, teachers write quizzes and students take them. The same quiz question can appear in multiple quizzes. If a teacher updates a quiz question, it's important that all quizzes reflect that change.

Solution A



Solution B



Both of these designs have the worst kind of problem: **they don't function**. For each, please identify the problems with each one (by number, either principle 1a, 1b, or 1c) and explain how it violates that principle. Then propose a new design of your own that works correctly.

Problems With A

Problems With B

Solution