CLASS QUESTIONS

**Question 1** (27 September)

1. **What do you understand by the term Component Based Software Engineering?**
2. **Based on your reflection, provide an example of Component Based Software Engineering.**

ANSWER/COMMENT from Mr. Kapuire

In a nutshell, object-oriented programming focuses on the relationships between classes that are combined into one large binary executable, while component-oriented programming focuses on interchangeable code modules that work independently and don't require you to be familiar with their inner workings to use them.

<https://www.codingpanel.com/object-oriented-vs-component-based-design-in-software-development/>

**Question 2** (5 October)

**Outline a few steps on how to manage a software project as a software engineer? Please list them in level of precedence, starting from number 1. List at least 5.**

**Question 3** (18 October)

1. **What do you understand by Mapping Models to Code? Please provide a practical example.**
2. **Also, is it important for a Software Engineer to understand the concept of mapping models to code? If yes, why do you say so. If no, why do you say so.**

**Question 4** (16 August) [ BEFORE THE TEST BUT NEVER USED ]

1. **In your understanding, what do you think of object-oriented approach to software design and development?**
2. **Using a practical example in a drawing, please explain the concept of object-oriented approach to software design and development.**