Ukesoppgaver uke 14 (26/4): DevOps and Code Management

Oppgavene er hentet fra Kap 10 i Sommervilles bok Engineering Software Products som ligger tilgjengelig fra kurssiden ved innlogging.

- 10.1. Explain why adopting DevOps provides a basis for more efficient and effective software deployment and operation.

- 10.2. Briefly explain why it is essential to use a code management system when several developers are involved in creating a software system. What are the benefits of using a code management system if only a single developer is involved?

- 10.4. What does creating a new branch in a code management system mean? What problems can arise when more than one developer is working on the same code and they try to merge their changes with the project master branch?

Evt også denne:

- 10.9. What are the differences between continuous integration, continuous delivery, and continuous deployment?

En tidligere eksamensoppgave som er relevant er:

- Forklar hvorfor versjonshåndtering er viktig.