

## Exercise 7

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Please prepare a written documentation for each task *before* the exercise date. Repeated failure to prepare the worksheet may result in not being admitted to the exam. You may also be asked to present your solution in class.

1. Compare the two computing models mainframe and cloud. Why did it change over time so dramatically?
2. Read the paper *Varia - Cloud Architectures.pdf* pages (see CampUAS). Summarise the advantages of this architectures compared to you implementation from exercise 6.
3. How would you redesign you application using the mentioned cloud services. Draw a reiterated cloud architecture for your application.
4. Identify a specific programming task that an AI-assisted coding tool fails to solve correctly. Document the original query and the suggested solution. Provide an explanation of why the solution is incorrect.