## Exam 2017

## June 19, 2023

- Exercise 0.1. How does HDFS decide where to place the different chunks of a file? Randomly.
- Exercise 0.2. What indicates to Spark query optimizer the end of a stage and the beginning of the next one? When there is a wide dependence.
- **Exercise 0.3.** Which are the four axis of the Devil's Quadrangle of performance measures? Time, cost, quality and flexibility.