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## Information Retrieval WS 2021/2022

<http://ad-wiki.informatik.uni-freiburg.de/teaching>



### Exam

Friday, 4th of March 2022, 14:00 - 16:15 h, HS 026

#### General instructions:

There are five tasks, of which you can select *four tasks of your choice*. Each task is worth 25 points. If you do all five tasks, we will only count the best four. That is, you can reach a maximum number of 100 points.

You need 50 points to pass the exam. You have 2 hours 15 minutes of time overall. If you do four tasks, this is 30 minutes per task on average plus 15 minutes buffer time.

You are allowed to use one DIN A4 sheet of paper with any contents of your choice related to the lectures and the exercises. You can write on the front and on the back and it can be hand-written or a printout, but it must be from yourself, not from someone else. You are not allowed to use any computing devices or mobile phones, in particular nothing with which you can communicate with others or connect to the Internet or parallel universes.

You may write down your solutions in either English or German.

Please write your solutions on this hand-out, below the description of the tasks! You can also use the back side of the pages. Please write your name and Matrikelnummer on the top of this cover sheet in the framed box. If you need additional pages, please write your name and Matrikelnummer on each of them, too.

#### Important:

For the programming tasks: You can use Python, Java, or C++. None of your functions must be longer than TWENTY lines.

For all other tasks: Do not simply write down the final result. It should also be clear how you derived it.

**Good luck!**

T1	T2	T3	T4	T5	Points	Grade
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