

Student Solutions to Algorithms and Datastructures Coursework Programming Exercises 2019

This dataset contains the collected source code of programming assignments of the course "[Algorithmen und Datenstrukturen](#)" (algorithms and data structures) at [Universität Hamburg](#). The source code was collected from all students who consented on collection and distribution in the Winter term 2019/2020.

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Gathering

All source code was extracted from the online evaluation tool ([Moodle](#) / [CodeRunner](#)) as used in the course. Source code in this corpus passed all implemented test cases and is therefore considered correct. The source code was pseudomised and every student was assigned a random ID (folder name in this distribution).

Tasks

The course consisted of 6 tasks, for which the students had two weeks and ten tries (for each part) to complete each task. For each task, a few example tests were given, which could be completed in an unlimited amount of tries. The description of the task is the original German version without translation into English.

Statistics

Java task	Amount
Task 1	51
Task 2 Part 1	49
Task 2 Part 2	49
Task 3	48

Java task	Amount
Task 4 Part 1	41
Task 4 Part 2	37
Task 5 Part 1	24
Task 5 Part 2	20
Task 6 Part 1	12
Task 6 Part 2	3

Python task	Amount
Task 1	30
Task 2 Part 1	27
Task 2 Part 2	25
Task 3	19
Task 4 Part 1	23
Task 4 Part 2	22
Task 5 Part 1	23
Task 5 Part 2	23
Task 6 Part 1	9
Task 6 Part 2	5

Total number of unique students: 82

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