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Debugging and Fuzzing
Exercise Sheet 8

Create your own wcnf fuzzer

Generate (small) random WCNF instances until an error is thrown, then use your delta debugger (or the given one) to minimize the created instance to its minimum. Continue generating instances until as many failure codes as possible (31 to 42) have been encountered. Utilize the newly uploaded parser (modified from the previous exercise) that produces errors on given formulas, as some failure codes have been modified.

As for the previous exercise sheets **hand in** a **protocol** with the time you invested, the **code** and a **screenshot** of your terminal with the output of your final program.

Prepare exam questions

Please generate a list of potential exam questions as they may appear in a slightly modified form on the actual examination.

We will discuss your questions January 24th and 31st, as well as the remaining time on February 7th after discussing the fuzzer hand in.

Deadline: Please submit the solution for your fuzzer no later than Monday, February 6th at 8:00 AM by uploading the files to Ilias. Solutions will be presented on Tuesday, February 7th. The remaining Tuesdays of January 24th and 31st, as well as the remaining time on February 7th, will be used for discussing potential exam questions which you have prepared, and addressing any questions regarding the fuzzer implementation.