

# Compiler Construction 2019

## *Semester project*

### 2 Type Checker

In the second part of the semester project, you will implement a type checker for Mini Java. To pass the exercise, do the following tasks.

- Implement a static type checker for Mini Java.
- The provided test suite specifies the type checker rules. Use it to ensure that your implementation works as expected. We will use these test cases to evaluate your type checker. However, we may also use additional tests that check for different scenarios, so you may want to implement your own additional test cases. You are not allowed to modify the existing test cases.
- Your type checker should reuse the front-end implemented in the first part of the project. You are free to improve and modify the code from the first part, as long as it passes the test suites from both project parts.
- Import the provided test suite into your eclipse project.
- You have time until 26 April 2017, 10:00 to complete this part of the project.
- Push your solution (the Eclipse project, including the parts provided by us) into the your Bitbucket repository.
- You are not allowed to use other peoples work. All parts of the project solution must be your own work.