Compiler Construction 2019

Assignment 1: Introduction

1 Important Remarks

- Scoring scheme: Assignments – 10%, Project – 30%, Exam – 60%.

- Assignments: There will be three assignments during the semester.
  - On Friday after the lecture (12:00 - 13:00) exercises will be posted on the CC website `http://scg.unibe.ch/teaching/cc/` and on Piazza.
  - Solutions are to be provided by posting a solution into the appropriate folder on Piazza no later than the start of the next lecture (next Friday at 10:15).
  - Solutions handed in later will get one grade subtracted for each 24h period. In case of serious reasons, send us a message before the deadline.
  - Assignments and the project will be done in pairs.

- Project: There will be several milestones during the semester.
  - There will be a few milestones during the semester. Details will be given when the project requirements are published.
  - You are expected to create a private git repository on `https://bitbucket.org`, to which the answers of the exercises and the code have to be committed.
  - The solutions of the exercises are to be delivered before Friday at 10:15. The commit timestamp will be used to determine if you delivered before the deadline or not. Solutions handed in later will get one grade subtracted for each 24h period (in case of serious reasons send us a message).

- Exam: The entire course material is covered in the exam. The exam is taken individually.

2 How to Qualify for ECTS points

- Each series is rated according to the usual rating system with a scale from 1 to 6.

- To qualify for the ETCS points, the average mark of all series is required to be a least *sufficient* (i.e., 4). If you are not able to do a series (military service, illness, etc.), let us know as soon as possible.

- Do not copy solutions from others (nor from the internet). If you really cannot figure out something yourself, discuss on Piazza, preferably public. In case of copied solutions, you will get a mark of 1.

3 Questions and Discussions:

- Use the Piazza platform.

- Post questions and discussions of general interest to the entire class.

- For very specific questions and solutions, send a private message with all instructors as recipients.

4 Assignment 1 - Part I

- Register on `https://piazza.com/unibe.ch` to class **CC 21025** (select *Spring 2019* as team).

- You have to use your `unibe.ch` email address. If you don't have one, send an email to *leuenberger@inf.unibe.ch*, we will add you manually.

- Find a partner for the assignments and the project. Send a message in the folder *assignment1* to instructors stating name, email address, and student ID number (Matrikelnummer) for both students of the pair.

5 Assignment 1 - Part II

- Create a private git repository on `https://bitbucket.org` named `cc-2019-project-<your-name>-<your-partner-name>`. Your project name must match the regex `[\-0-9a-z]+` !

- Share it with users *maenu* and *rathrio*.

- Send a private message containing your and your partner's names, matriculation numbers, and the link for cloning the repository to the appropriate folder (*assignment1*) on Piazza.

- This exercise is mandatory!

6 Bonus points

- A maximum of 5% additional points can be obtained in the upcoming exercises and projects.

- Every week, you are encouraged to send an interesting potential exam question (with an answer) regarding the previous lecture *to the instructors (via Piazza)*.

- The authors of the most interesting questions (as determined by the instructors) will be awarded the additional points.

- A selection of the questions might appear in the exam.