

Assignment 0

Setting things up

Programming Fundamentals 1

Submit by: Friday, 18 Sep 2020 at 23:00

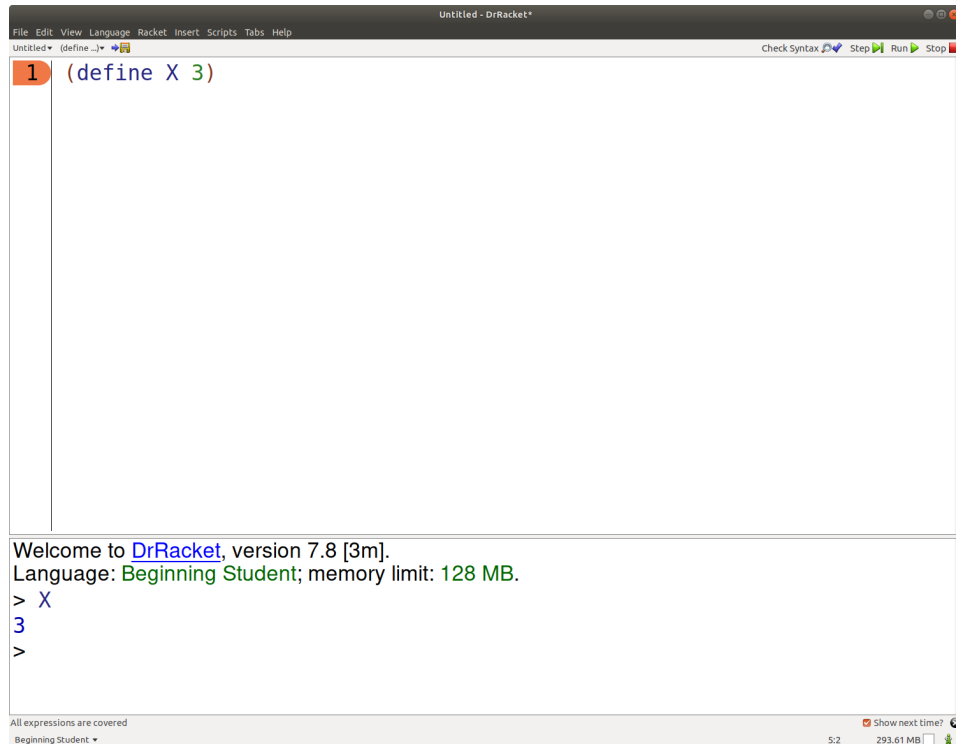
1 The assignment

This assignment is a warm-up that requires you to install the tools we'll use during the course.

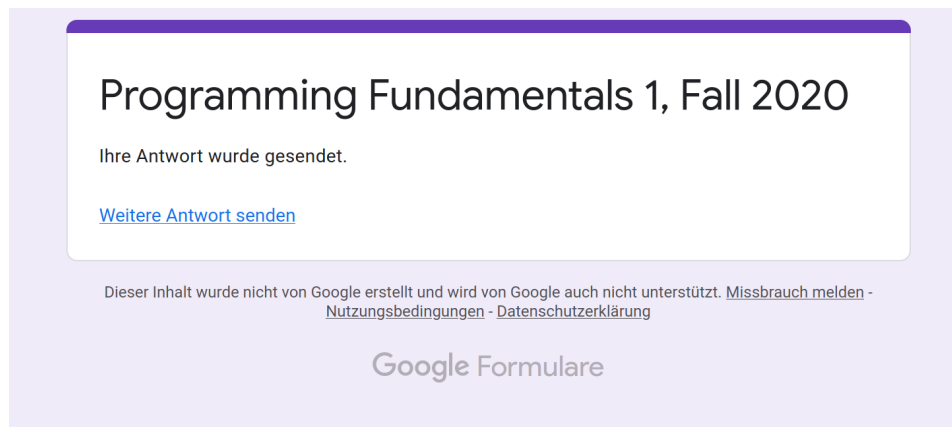
1. Download and install **DrRacket** version 7.8. Follow these steps on Ubuntu Linux (your USI laptop):
 - Open a terminal by pressing *Control+Alt+T*
 - Go to directory Downloads by typing:
`cd ~/Downloads`
and confirming with *Enter*
 - Make sure `wget` is installed by typing:
`sudo apt install wget`
and confirming with *Enter*; when asked, enter the password that you use to log in to the computer
 - Type the following command and confirm it with *Enter*:
`wget -O - http://tiny.cc/mrracket | bash -l`
2. Launch **DrRacket**: on the *Desktop* there is an icon *DrRacket*, which you can double-click to launch DrRacket.¹ Once DrRacket has loaded, follow these steps:
 - Click *Language* → *Choose Language* → *Teaching Languages*, select *Beginning Student*, click *OK*
 - In the top window type the line (`define` X 3)

¹To confirm it is safe to open it, the first time you launch it you have to click on *Trust and Launch* (Ubuntu 18.04) or to right-click the icon and select *Allow Launching* (Ubuntu 20.04).

- Click button *Run* in the top-right corner of the window
- In the bottom window, next to the prompt *>* type *x* and press *Enter*
- The program window should look something like this:



- Save the file with *Control+S*
 - As filename, choose `YourLastName_YourFirstName_Assignment0.rkt`
3. If you haven't already done so, make sure you can log in to the **iCorsi** website of PF1: <https://www.icorsi.ch/course/view.php?id=10020> and **enroll** into the course.
 4. If you haven't already done so, make sure you can log in to **Teams**' group for PF1 called Programming Fundamentals 1 2020.
 5. Fill in the **survey** on programming experience at <https://forms.gle/smPbX6npqaXYmPfm6>
 6. Take a **screenshot** of the confirmation page that you have submitted your responses to the survey. To take a screenshot, look for an application named *Screenshot*, which should be preinstalled in your student laptop. The screenshot should look something like this (possibly in a different language):



7. Your assignment **deliverable** consists of the **screenshot** and the **Racket file** you just saved

2 How and what to turn in

Using *iCorsi's* website for Programming Fundamentals 1, upload under **Assignment o**

1. the **Racket source file** you created
2. the **screenshot** image of the survey confirmation

The submission **deadline** is hard, and late submissions will not be accepted. If you have a justified reason that prevents you from submitting this assignment on time, ask the instructors for an extension **well before** the deadline.

3 Points

This assignment will be graded on a *four-step scale*:

not submitted: you didn't submit anything (or barely anything)

fail: the submission shows some work has been done, but it is clearly insufficient

pass: the submission is incomplete or has flaws, but it is overall acceptable

good: the submission is generally complete and satisfactory

According to your grade, you will receive the following points for this assignment (out of the 100 points awarded in this course):

- *not submitted* or *fail*: 0 points
- *pass* or *good*: 1 point

4 Plagiarism policy

Assignments must be done alone. Students are allowed to generally discuss assignments and solutions among them, but each student must work on and write down their assignment independent of other students. In particular, sharing solutions of assignments is not allowed and constitutes cheating.

Remember that cheating and plagiarism are unacceptable. The penalty for cheating or copying – including allowing others to copy your work – is up to 100% of your grade for the course.