

Simple Autolab Guide

Computer Programming TAs



SEOUL NATIONAL UNIVERSITY

Autolab

- For this Computer Programming class, we are going to use the Autolab for the assignments.
- You can **check** your submissions in the Autolab before submission.
- Please note that Autolab is an **optional** feature of this course and the **final submission must be on eTL**.



Login ID

- When you access to the Autolab site (will be given in next few slides), you will see Login page.
- **You cannot register yourself.**
- You can check your ID in the spreadsheet below.
- **DO NOT use another classmate ID.**
- [Member - For Announcement](#)

Password

- Default password is “**password**”.
- After logging in, you must change your password. If you do not change your password, others will see what you have submitted to Autolab.
- This slide shows instructions for changing the password.

Autolab Site

- You can access to Autolab here:
- <http://147.46.242.43:8765>

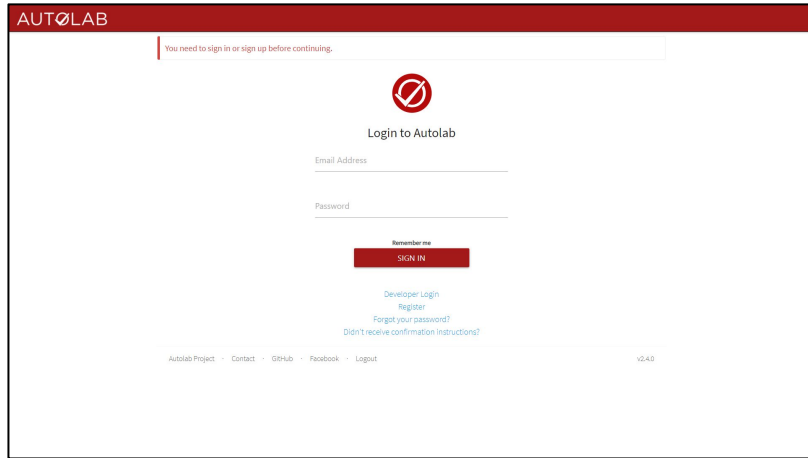


Precautions

- This is an OPTIONAL feature. You can check your codes before submission, but you should **upload your submission to eTL**.
- **DO NOT submit your codes too frequently**. Everyone shares the limited resource
- All access logs available, and there will be **additional penalties in the event of a hacking attempt**.
- We can't guarantee the full availability of the server. Do not rely too much on the Autolab.
- Submission for assignment 1 has 10 minutes of the time limit for Autolab testing. This doesn't apply to the eTL submission

Autolab Usage - Login

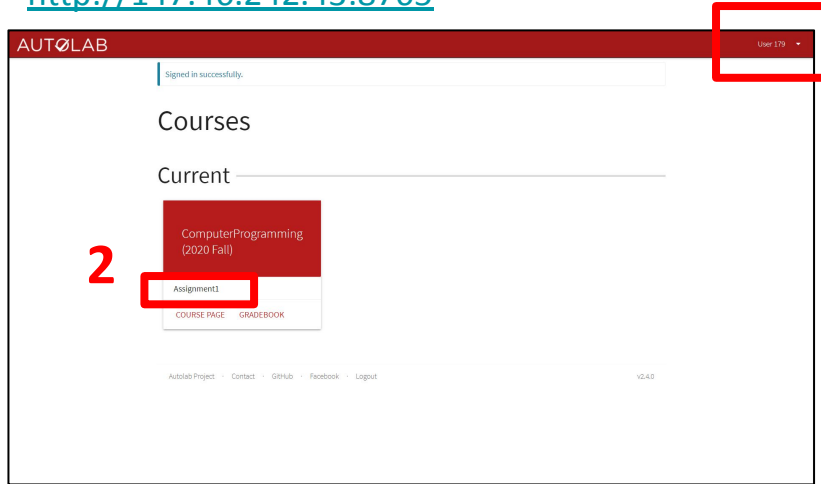
http://147.46.242.43:8765/auth/users/sign_in

The screenshot shows the Autolab login interface. At the top, a red header bar contains the text "AUTOLAB". Below the header, a message states "You need to sign in or sign up before continuing." followed by a red circle with a white diagonal line. The main heading is "Login to Autolab". There are two input fields: "Email Address" and "Password". Below the "Password" field is a "Remember me" checkbox and a red "SIGN IN" button. Further down, there are links for "Developer Login", "Register", "Forgot your password?", and "Didn't receive confirmation instructions?". At the bottom, a footer contains links for "Autolab Project", "Contact", "GitHub", "Facebook", "Logout", and a version number "v2.4.0".

- You can login in this page using given ID/PW.
- If you forget your password, contact to the TA.
- Please do not use any options other than SIGN IN. (ex. Developer Login, Register, Forgot your password?, ...)

Autolab Usage - Courses

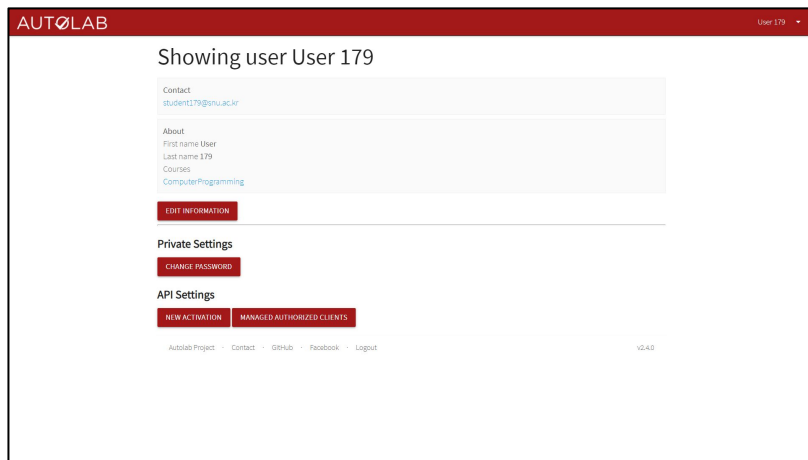
<http://147.46.242.43:8765>



- After sign in.
- Button 1 (username)
 - Account - Account Setting : [Slide 9](#)
 - Dev Login - Don't use this
 - Log out - Log out
- Button 2 (Assignment1) : [Slide 10](#)
- We are not using the GRADEBOOK feature.

Autolab Usage - Account Setting

`http://147.46.242.43:8765/users/<userid>`

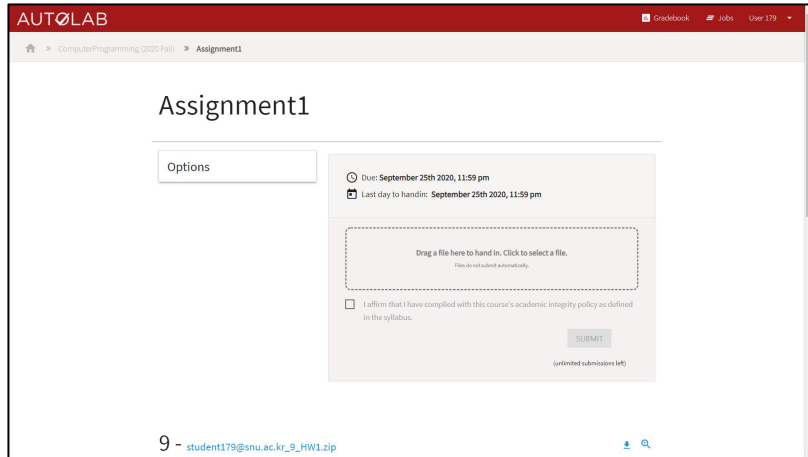


- You can change your password here.



Autolab Usage - Assignment

<http://147.46.242.43:8765/courses/ComputerProgramming/assessments/assignment1>



- Our main purpose.
- You can test your code, see the results and the testing history.
- For Assignment1, you should submit “HW1.zip”.



Autolab Usage - Result

- You will see the results below in Assignment page.
- “ERROR” column shows that the submission has proper directory structure. If `ERROR == -1`, you should check your “HW1.zip” structure.
- Note that after extracting the “HW1.zip”, there should be HW1/ directory.

[illegible]

Autolab Usage - Result

- For each problem, there are 2 kinds of errors.
- If the score is -2, it means COMPILE ERROR.
- If the score is -3, it means RUNTIME ERROR. (Error in Execution time)
- If the score ≥ 0 , it means your submitted code worked well.
 - There are lots of test cases, and the score shows the ratio (0 ~ 100 %)

ERROR	Prob1	Prob2	Prob3	Prob4	Prob5	Prob6	Prob7	Prob8	Prob9	Prob10
(0.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)
0.0	-2.0	96.7	100.0	-2.0	100.0	100.0	100.0	100.0	100.0	100.0

Q & A

- Ask us if you have any questions.
- We hope Autolab helps you learn.



Thank you

