

JAVA FULL STACK PROGRAM

Environment Set Up & Hello World Program

Outline

- Setting Up Your Environment
- Getting Familiar with Slack
- Registering for a Zoom Meeting
- A Guide to Professionalism
- Assignment - Hello World Program

Getting Started: Setting Up Your Environment

1. MySQL Community Server

- Link: <https://dev.mysql.com/downloads/mysql/>

2. MySQL WorkBench

- Link: <https://dev.mysql.com/downloads/workbench/>

Getting Started: Setting Up Your Environment

3. JDK 8

- Link: <https://www.oracle.com/java/technologies/downloads/#java8>

4. IntelliJ Ultimate Version

- Link: <https://www.jetbrains.com/idea/download/>
- Please use **Ultimate Version** since Community Edition missing some key features
- You can use your school email to get the Free Educational License

Getting Familiar with Slack

1. Set up your profile

As we stated in the orientation:

We want everyone to have an English name by the beginning of week 2 since English name may be seen as more professional or easier for clients and colleagues to remember.

We would like to have everyone change their profiles to have their **legal full name** in the **full name area** and their **english name** in the **display name area**, so we can learn who is who for both pronunciation and professional purposes. Thank you!

Getting Familiar with Slack

1. Set up your profile

For example, one of our trainer's profile settings look like this:



Edit your profile

Full name

Chi-Hsin Ting Here is your legal full name

Display name

Sharon Ting Here is your english name with your last name

This could be your first name, or a nickname — however you'd like people to refer to you in Slack.

Getting Familiar with Slack

2. Channels

There are two channels:

- `#Announcement` channel will be used to announce some important information about, such as 1-on-1 meeting schedule, Q&A session, etc.
- `#Java-XXX-2023` channel will be used for Daily Check-Ins and General Questions.

Getting Familiar with Slack

3. Bookmarks

You can find bookmarks on the top of the `#Java-XXX-2023` or `#Announcement` channel.

Usually, we will have a list of bookmarks:

- `Lecture Link` : used for daily lectures.
- `Q&A link` : used for daily Q&A sessions
- `XXX's zoom link` : trainer's personal meeting room, used for 1-on-1 meeting and scheduled meetings.

Getting Familiar with Slack

4. React to all the Announcements and Messages (Important)

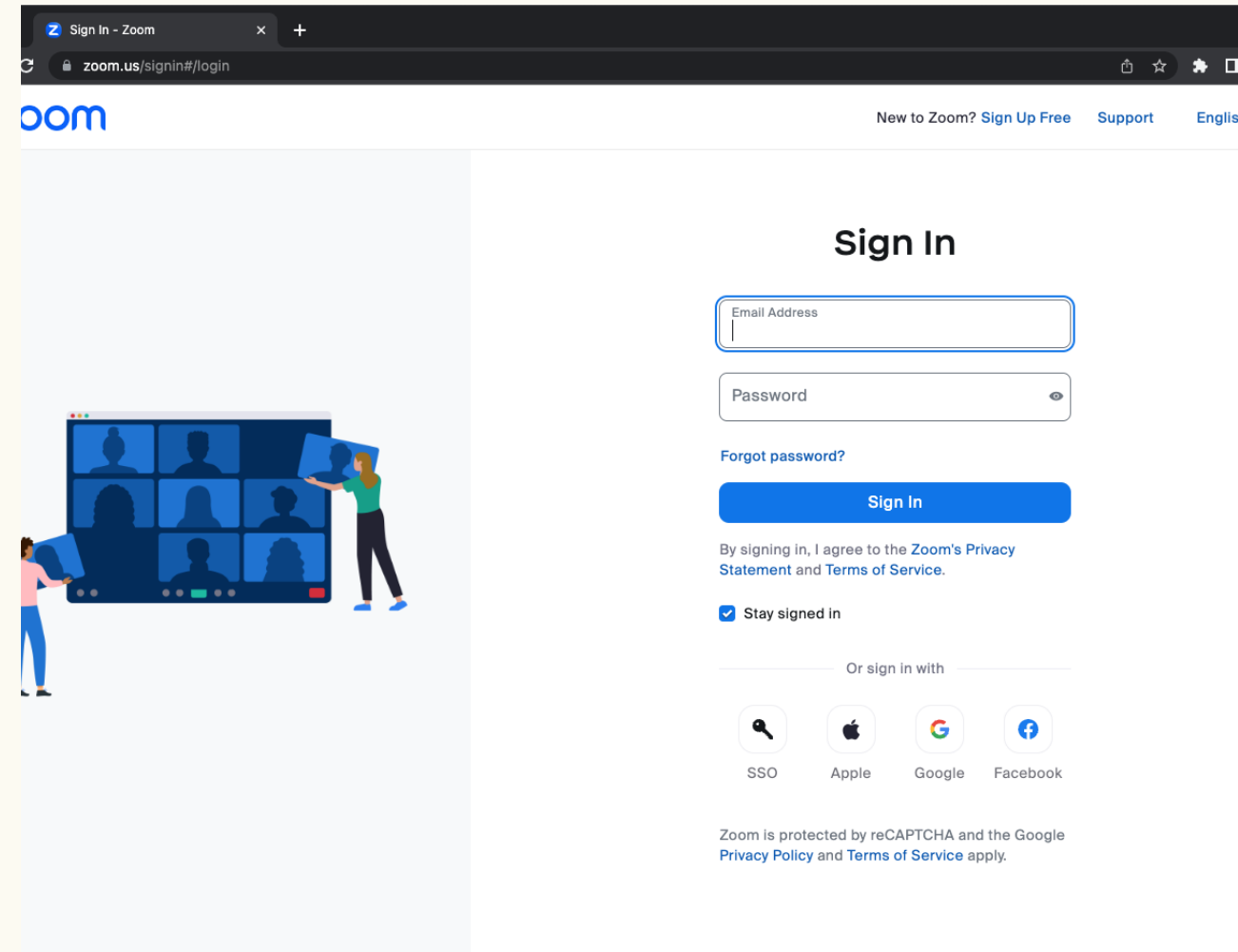
In order to facilitate statistics and show your professionalism, you are required to react to all the Announcements and Messages.

To do this, hover your mouse over the message and click on the "Add Reaction" icon (a smiley face) to the right of the message. You can select a completed emoji (✅), a thumb up emoji (👍), etc.

Once you've added the reaction, it will appear next to the message, and other people will be able to see and add their own reactions as well.

Joining for a Zoom Meeting

1. Log in to your zoom account on the browser (e.g. Chrome), using <https://zoom.us/signin#/login>.
 - You do not need to log in to your zoom on your zoom app.
2. Using the lecture link in the same browser to join the zoom meeting.



The screenshot shows the Zoom Sign In page in a web browser. The browser's address bar displays 'zoom.us/signin#/login'. The Zoom logo is in the top left, and links for 'New to Zoom? Sign Up Free', 'Support', and 'English' are in the top right. The main heading is 'Sign In'. Below it are two input fields: 'Email Address' and 'Password'. A 'Forgot password?' link is next to the password field. A blue 'Sign In' button is below the fields. Below the button is a checkbox labeled 'Stay signed in' which is checked. Underneath is a section 'Or sign in with' featuring icons for SSO, Apple, Google, and Facebook. At the bottom, a small text line states: 'Zoom is protected by reCAPTCHA and the Google Privacy Policy and Terms of Service apply.'

Registering for a Zoom Meeting





If you are redirected to the registration page

It means your zoom account is not registered.

Please register on that page and send your zoom account email address to your trainer as well.

After trainer have approved your registration, you will receive a confirmation email and should be able to join the meeting using the same lecture link.

Meeting Registration



This meeting is for users with a Zoom account. New to Zoom? [Sign up free.](#)

Topic

2023 Jan Java Training

Time

Jan 19, 2023 10:00 AM

Jan 20, 2023 10:00 AM

Jan 23, 2023 10:00 AM

Jan 24, 2023 10:00 AM

Jan 25, 2023 10:00 AM

Jan 26, 2023 10:00 AM

Time shows in

Eastern Time (US and Canada)

First Name*

Last Name*

Email Address*

Confirm Email Address*

* Required information

Information you provide when registering will be shared with the [account owner](#) and host and can be used and shared by them in accordance with their Terms and Privacy Policy.

Register

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Registering for a Zoom Meeting





If you still cannot join the meeting, and always being redirected to the Meeting registration page after trainer has approved your registration, please consider checking the following:

1. Ensure that you are logged into the Zoom email address (the one you used for registration) on your browser..
2. Make sure to use the link provided in the confirmation email.

If there is any other question, please let us know.

Thanks

Meeting Registration



This meeting is for users with a Zoom account. New to Zoom? [Sign up free.](#)

Topic	2023 Jan Java Training
Time	<div>Jan 19, 2023 10:00 AM</div> <div>Jan 20, 2023 10:00 AM</div> <div>Jan 23, 2023 10:00 AM</div> <div>Jan 24, 2023 10:00 AM</div> <div>Jan 25, 2023 10:00 AM</div> <div>Jan 26, 2023 10:00 AM</div> <div>Time shows in Eastern Time (US and Canada)</div>

First Name*

Last Name*

Email Address*

Confirm Email Address*

* Required information

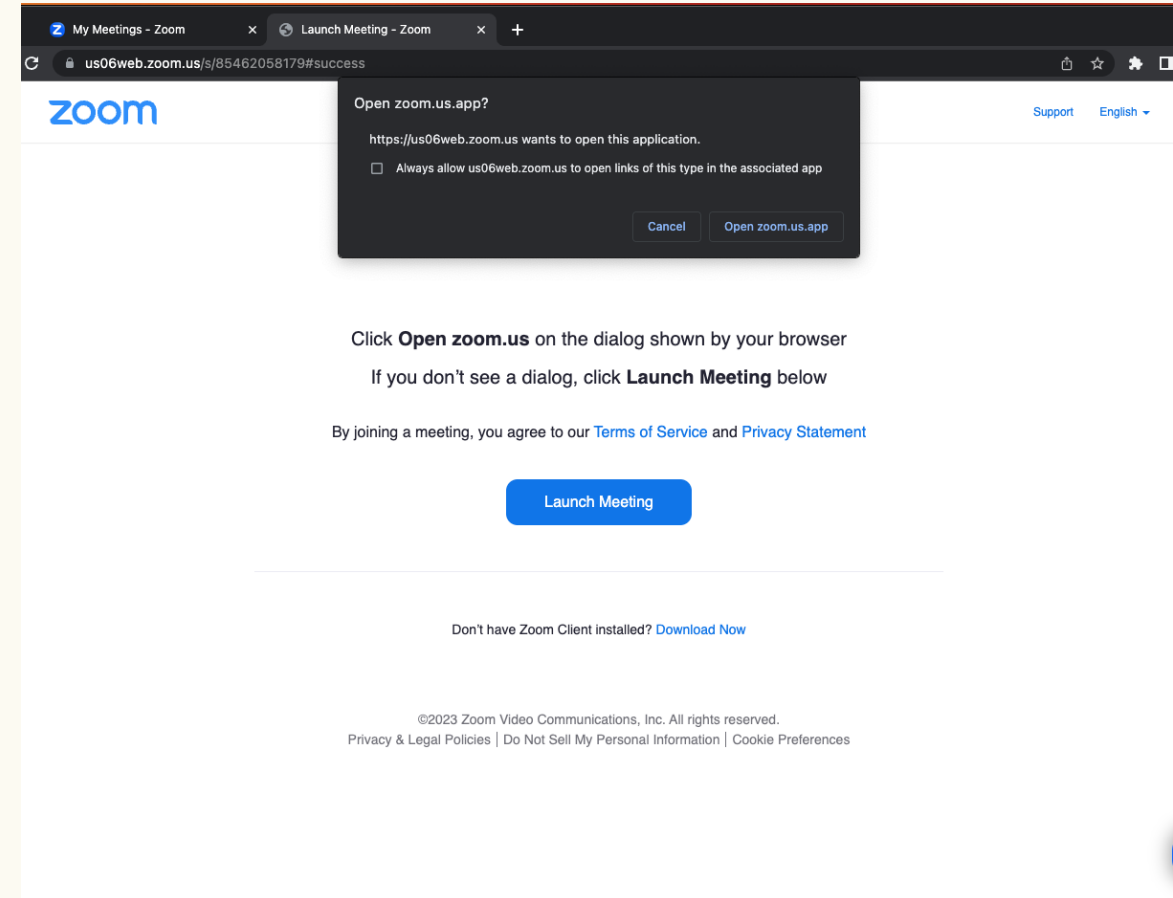
Information you provide when registering will be shared with the [account owner](#) and host and can be used and shared by them in accordance with their Terms and Privacy Policy.

Register

Successfully joined the meeting

If you are able to see this page and open the zoom app, it means you successfully joined the meeting.

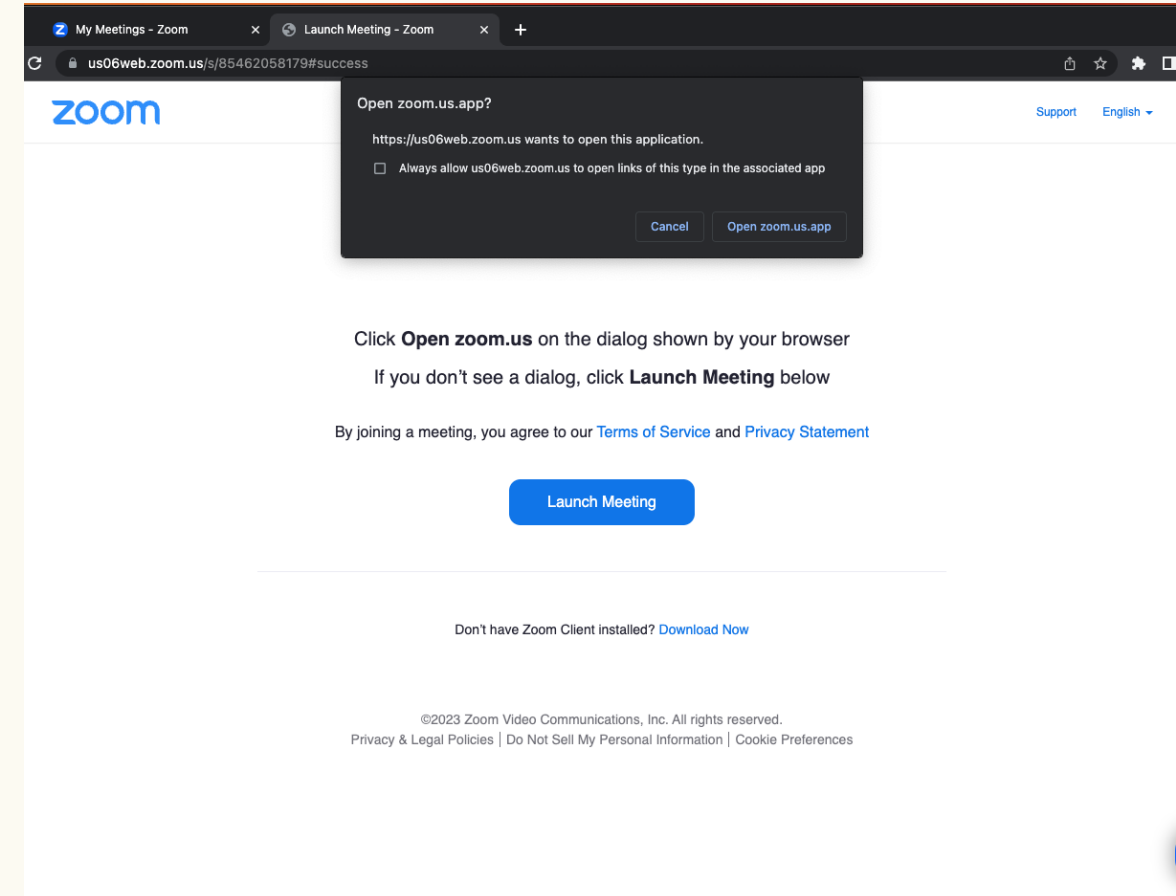
After join the meeting, you may see a message shows **Please wait, the meeting host will let you in soon or Please Wait for the Host to Start this Meeting.** This does not mean that you are not in the meeting, you have successfully joined the meeting, just wait for us to start the meeting or let you into the meeting



Zoom Meeting Troubleshooting

Always being redirected to the Meeting registration page, even if the trainer has told your that the email address is in the approval list.

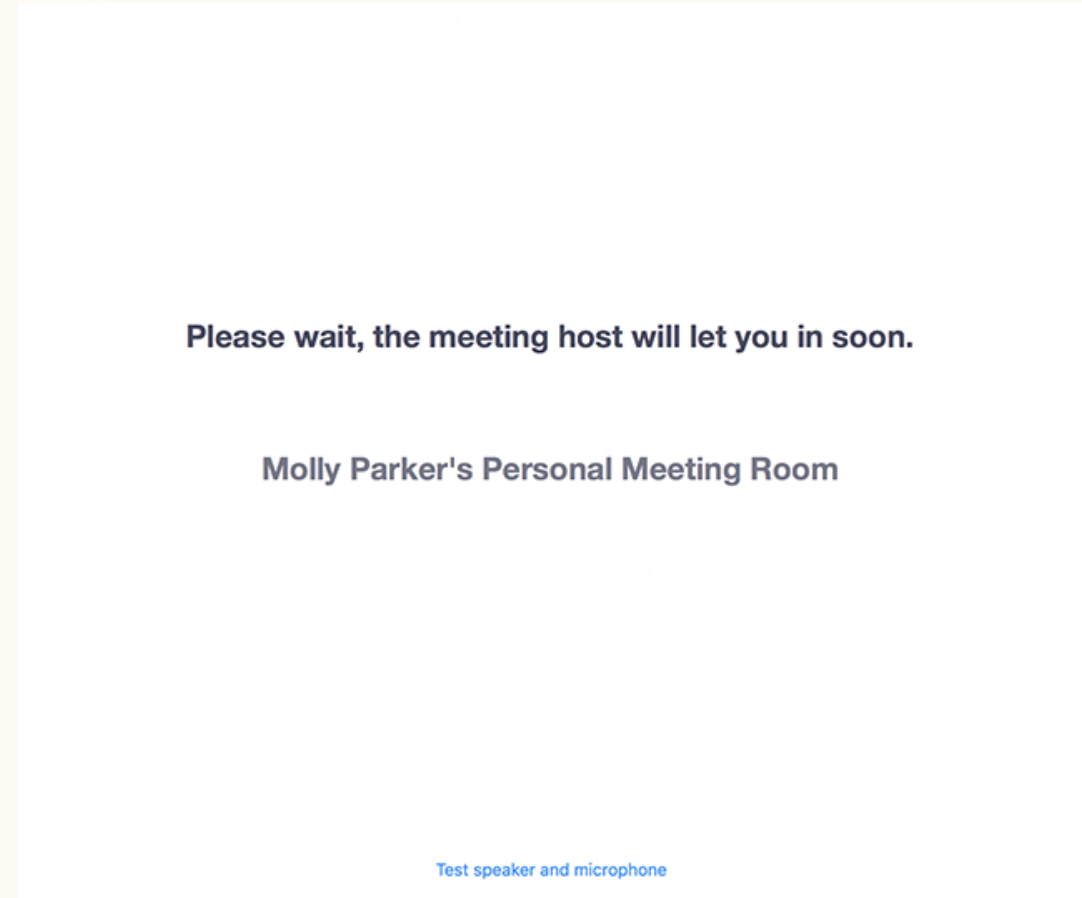
Please check whether you have login to your zoom on that browser or not, using this link: <https://zoom.us/signin#/login>.



Zoom Meeting Troubleshooting

Please wait, the meeting host will let you in soon

This does not mean that you are not in the meeting, you have successfully joined the meeting, just wait for us to let you into the meeting



Zoom Meeting Troubleshooting

Please Wait for the Host to Start this Meeting

This does not mean that you are not in the meeting, you have successfully joined the meeting, just wait for us to start the meeting

Please wait for the host to start this meeting.

This is a recurring meeting

All Hands

Demonstrating Excellence: A Guide to Professionalism

1. Change your Slack profile to have an english name and legal full name.

We want everyone to have an English name by the beginning of week 2 since English name may be seen as more professional or easier for clients and colleagues to remember.

2. React to all Slack Announcements and Messages with emojis (✅, 👍)

In order to facilitate statistics and show your professionalism, you are required to react to all the Announcements and Messages.

Demonstrating Excellence: A Guide to Professionalism

3. Attend daily lecture and turn on your camera.

A valid attendance means that you turn on the camera during the entire lecture and listen carefully.

4. For all absences or emergencies, notify your trainer in advance

This proactive approach demonstrates a sense of responsibility and shows that you are committed to meeting your training responsibilities and obligations.

Remember, open and timely communication is key to maintaining a positive work environment and preserving trust in the workplace.

Assignment - Hello World Program

Please create a new project in IntelliJ.

Print `Hello, World!` and add a brief introduction about yourself (1-2 sentences).

Submit your project files following the ***Assignment Submission Instructions Guide***