Overview of Structure & Purpose of the Online Materials

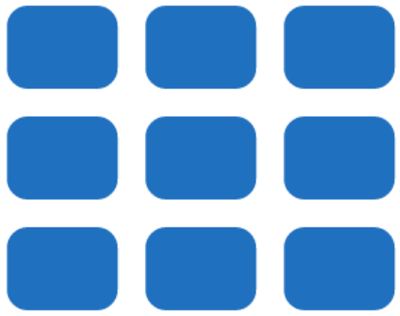
Tutors

Adobe Connect

Slack

Moodle

4 Key Web Services

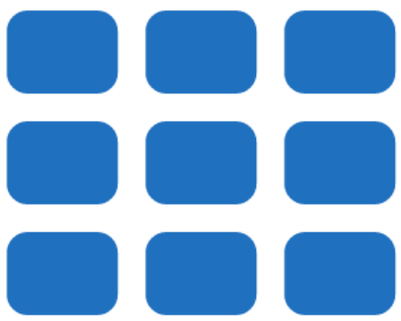
Tutors  } open

Adobe Connect } wit email

Slack } wit email

Moodle } wit email

Tutors



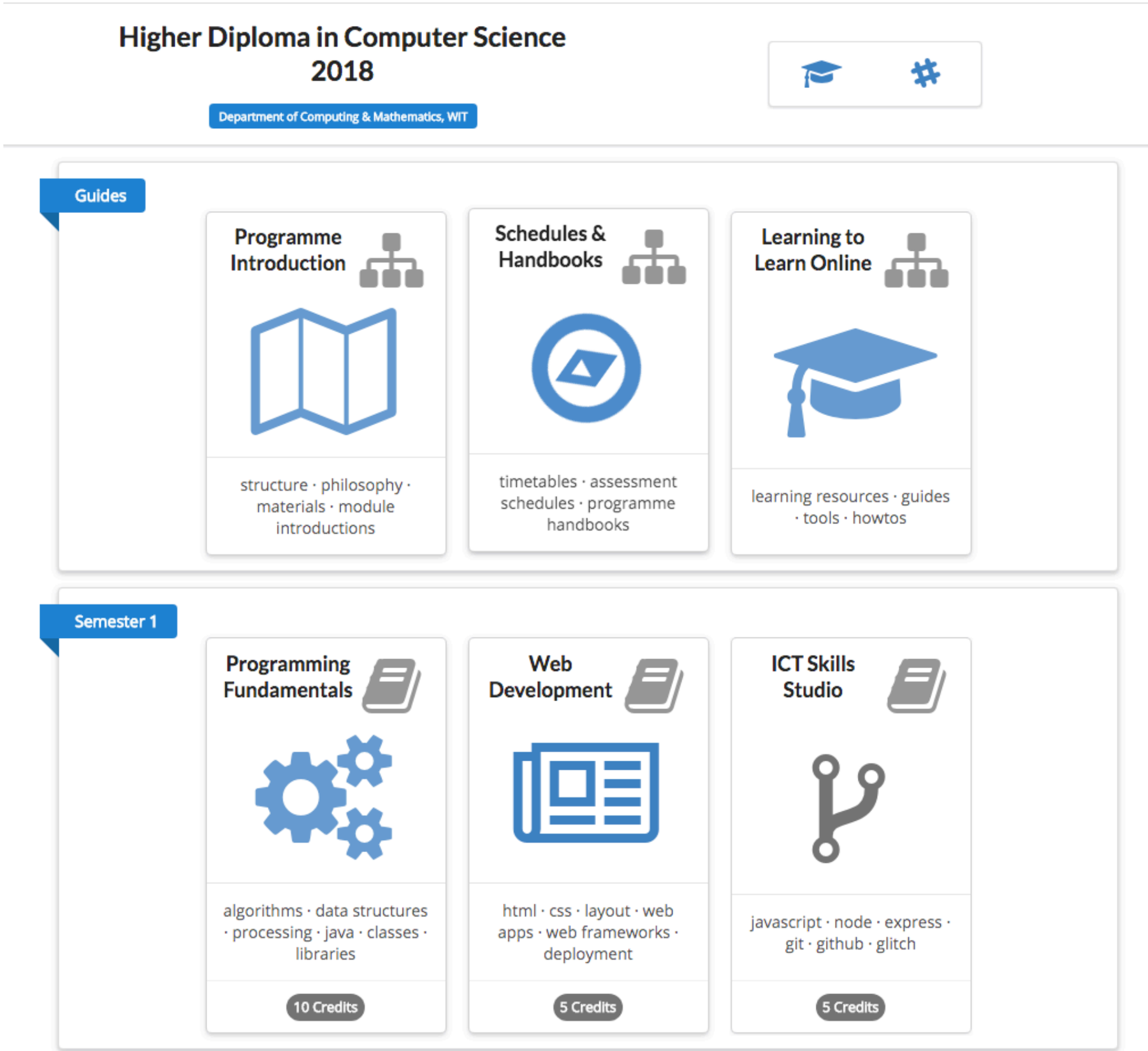
Primary location of module lectures, lab and video material

Tutors

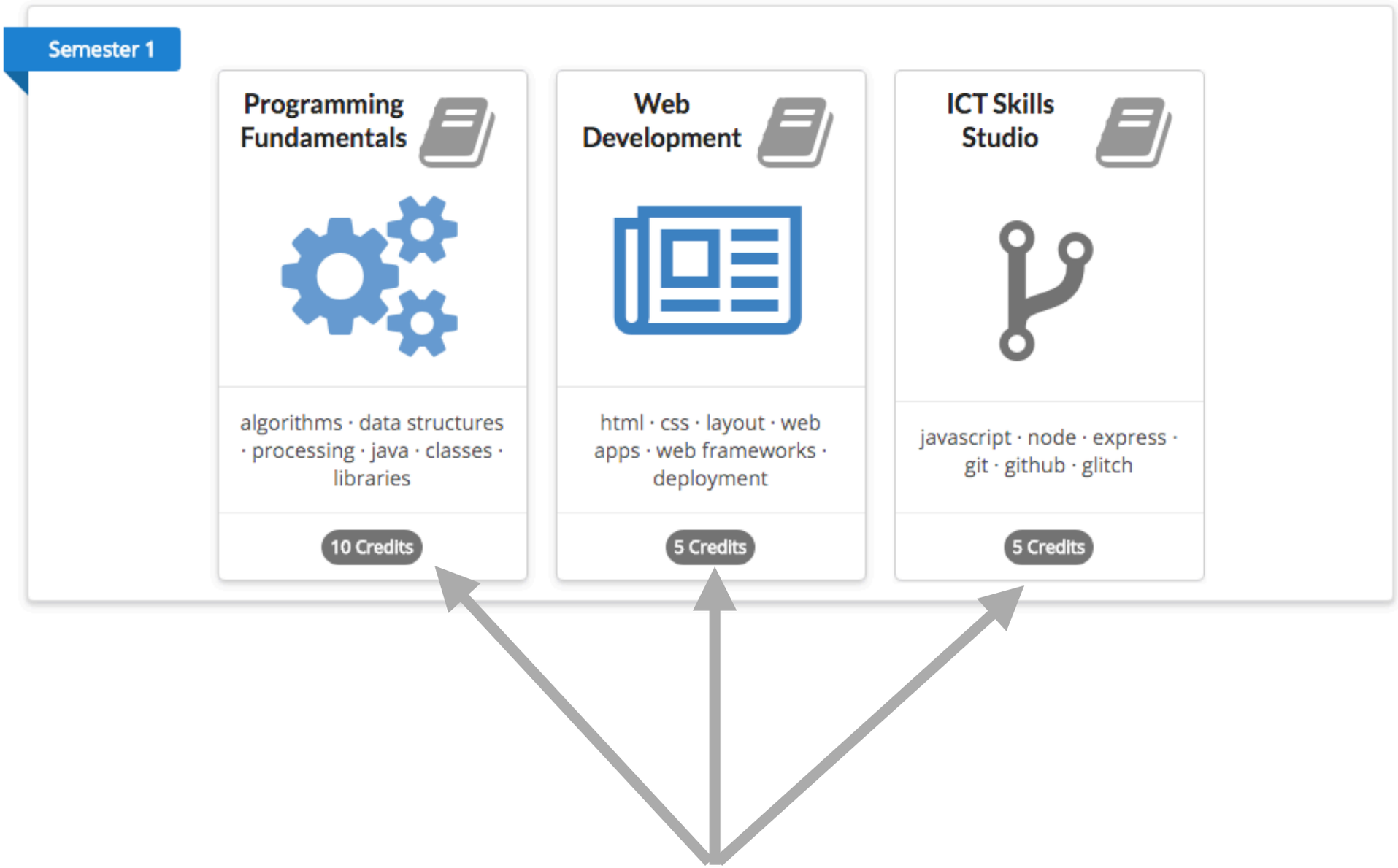
https://wit-hdip-comp-sci-2018.github.io

Programme Home Page

Links to all resources + Modules



Tutors



Links to Individual Module Home Pages

Tutors

Module Home

Programme Home

Adobe Connect

Moodle

Slack

Building Modern Web Applications & Services

Eamonn de Leastar, WIT

Programme

76

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Topics

Topic

1: Introduction

Introducing the module, assessment and schedule.

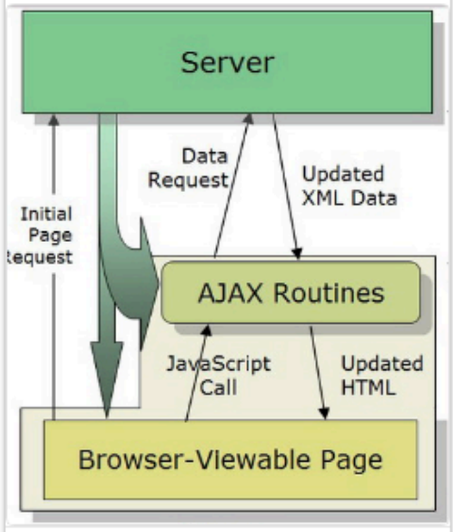
2: JavaScript Review

Re-introduction to Javascript. Review language structure and usage.

3: DOM & JQuery

Review the nature & structure of the DOM. Basics of JQuery library

4: Ajax & APIs



Learn how to invoke REST services in JQuery using ajax features. Explore github and fouresquare APIs in this context.

5: Hapi Applications

6: Views

7: Sessions

8: Models

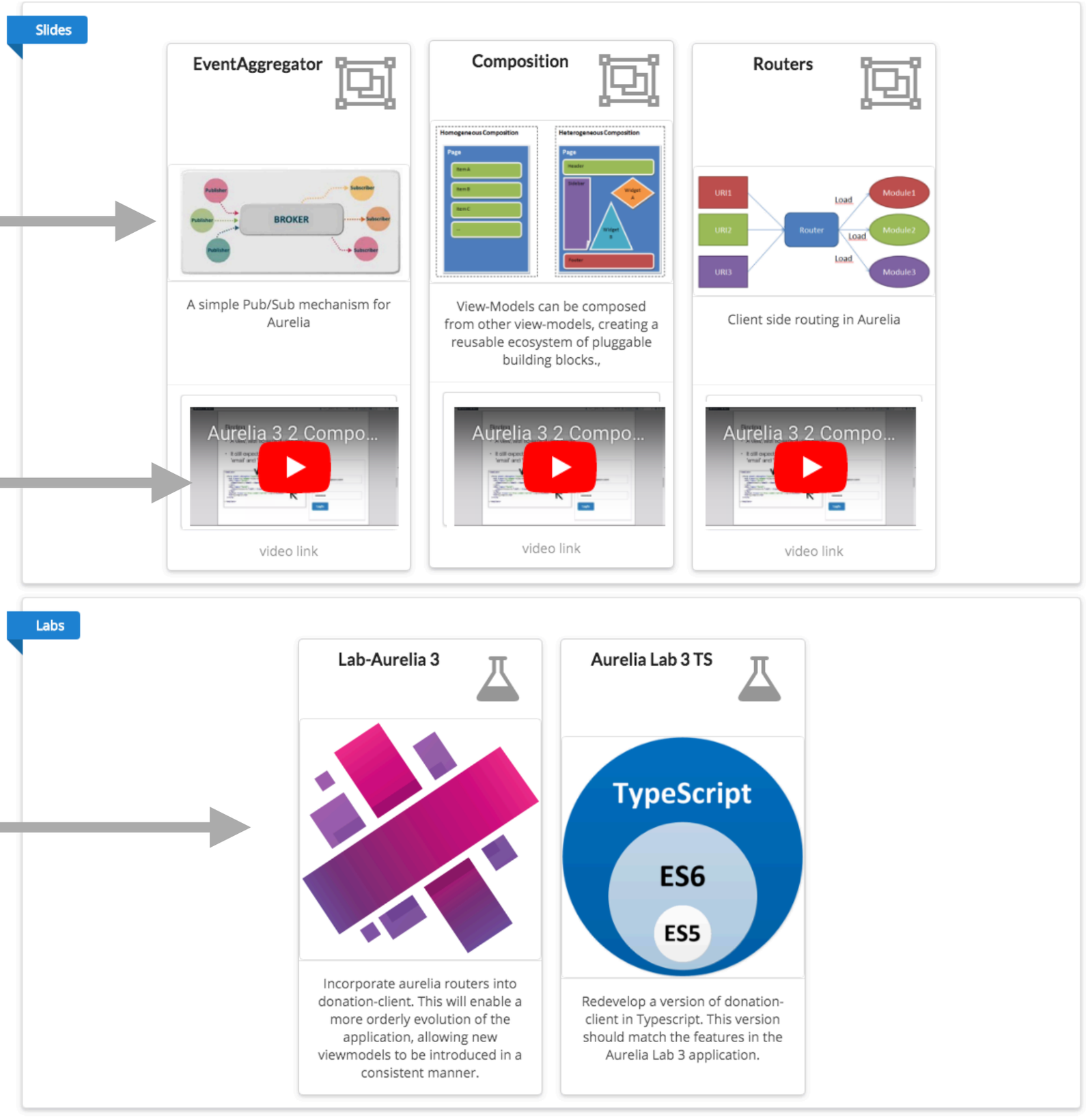
Tutors

Module Topic

PDFs of Slides

Videos of Talk Accompanying Slides

Labs



Tutors

Module Lab

Lab Steps + Exercises

Lab Instructions

24: Aurelia Routers | Aurelia Lab 3 TS | 01 | 02 | 03 | 04 | 05 | 06 | Exercises

Starter Project

If you are not familiar with Typescript - it might be worth a quick review of the language here:

- https://www.typescriptlang.org/docs/handbook/typescript-in-5-minutes.html

Make sure you have the latest typescript and aureli-cli installed on your workstation:

```
npm install typescript -g
npm install aurelia-cli -g
```

Create a new Aurelia project:

```
au new donstion-client-ts
```

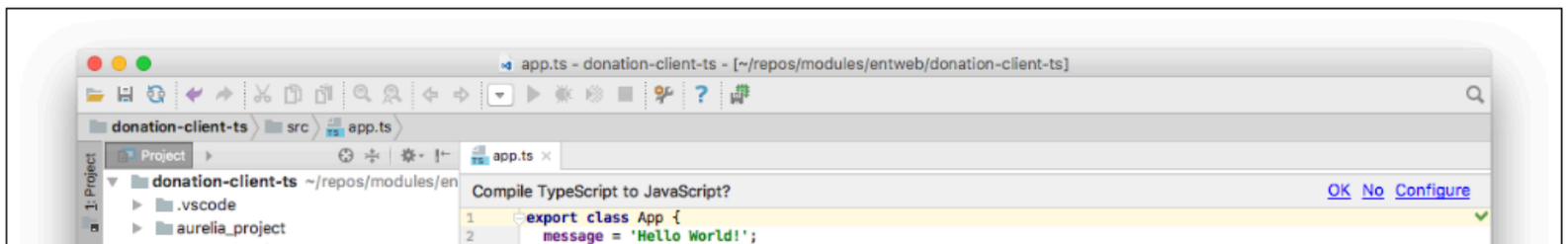
Make sure to select [2] for typescript:

```
                    _ _          ___ _     ___
  __ _ _   _ _ __ ___| (_) __ _   / ___| |   |_ _|
 / _` | | | | '__/ _ \ | |/ _` | | |   | |    | |
| (_| | |_| | | |  __/ | | (_| | | |___| |___ | |
 \__,_|\__,_|_|  \___|_|_|\__,_|  \____|_____|___|


Would you like to use the default setup or customize your choices?

1. Default ESNext (Default)
   A basic web-oriented setup with Babel and RequireJS for modern JavaScript development.
2. Default TypeScript
   A basic web-oriented setup with TypeScript and RequireJS for modern JavaScript development.
3. Custom
   Select loaders (requirejs/systemjs), bundlers (cli/webpack), transpilers, CSS pre-processors and more.

[Default ESNext]>2
```

Accept all other defaults.

You should be able to immediately open the project in Webstorm.

When invited to compile Typescript to Javascript - press 'OK'



Adobe Connect

Live Webinars
Delivery

Adobe Connect

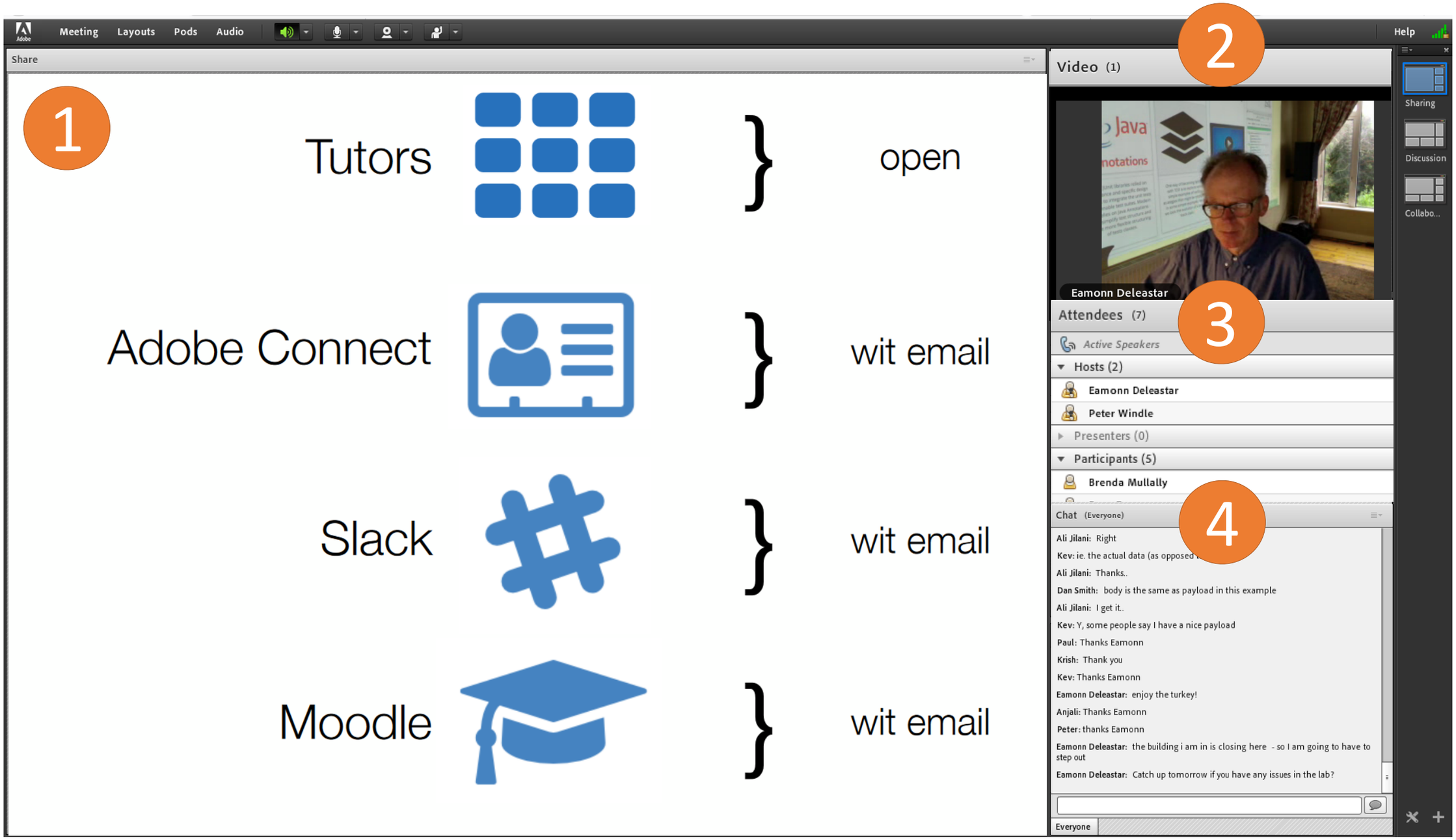
Presenter

Topic Slides of demonstrations

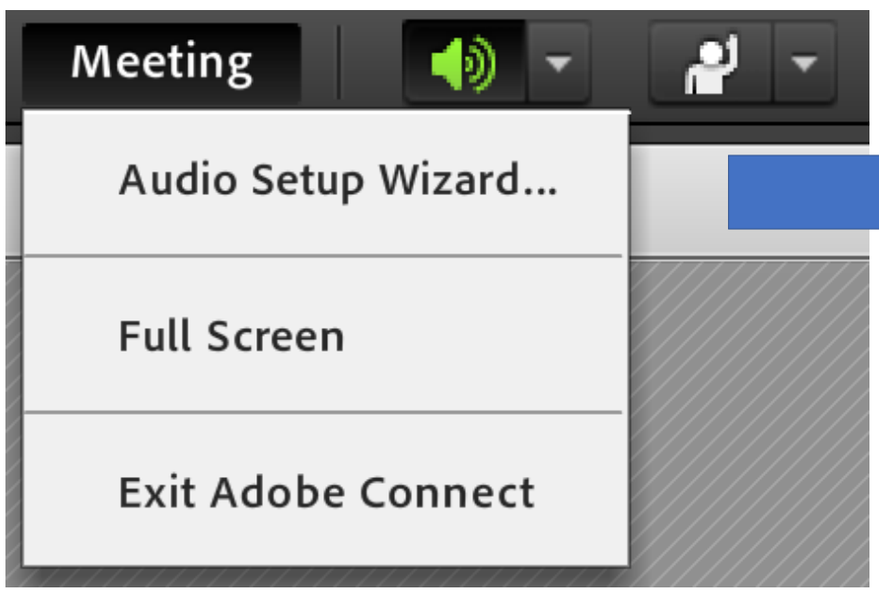
Attendees + chat

Adobe Connect

1: Main Share Area
2: Presenter Camera
3: List of Hosts & Attendees
4: Chat



Adobe Connect Audio

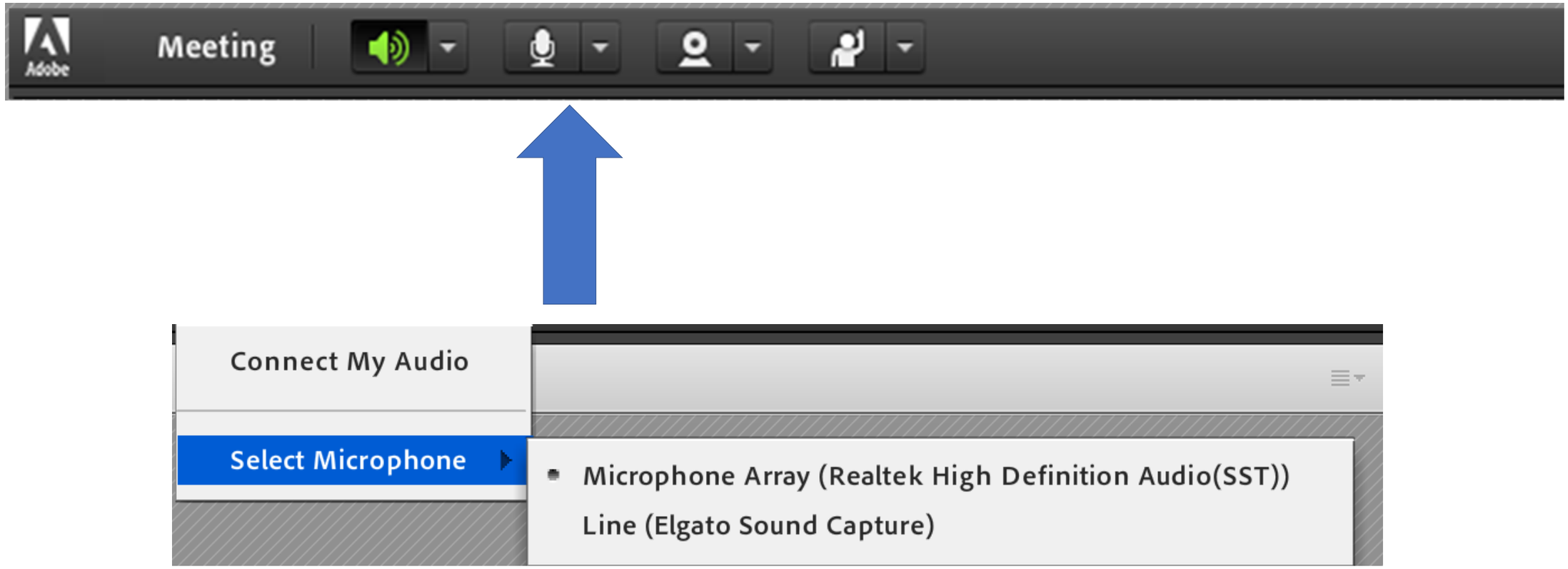


Configure Speakers and microphone in the Audio Setup Wizard

Adobe Connect Volume

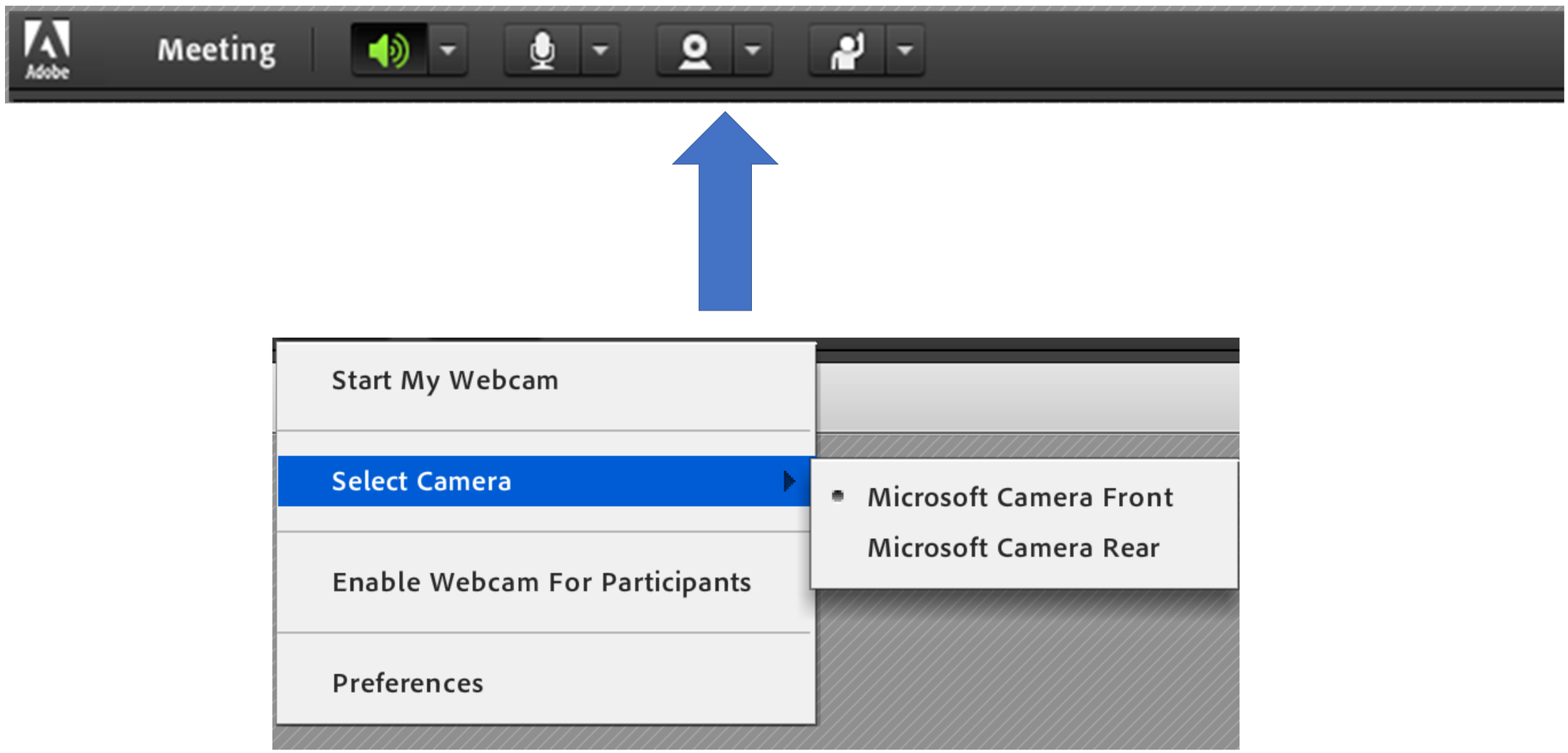
Mute Speakers and Change Volume

Adobe Connect Volume



Mute microphone or select audio source

Adobe Connect Volume

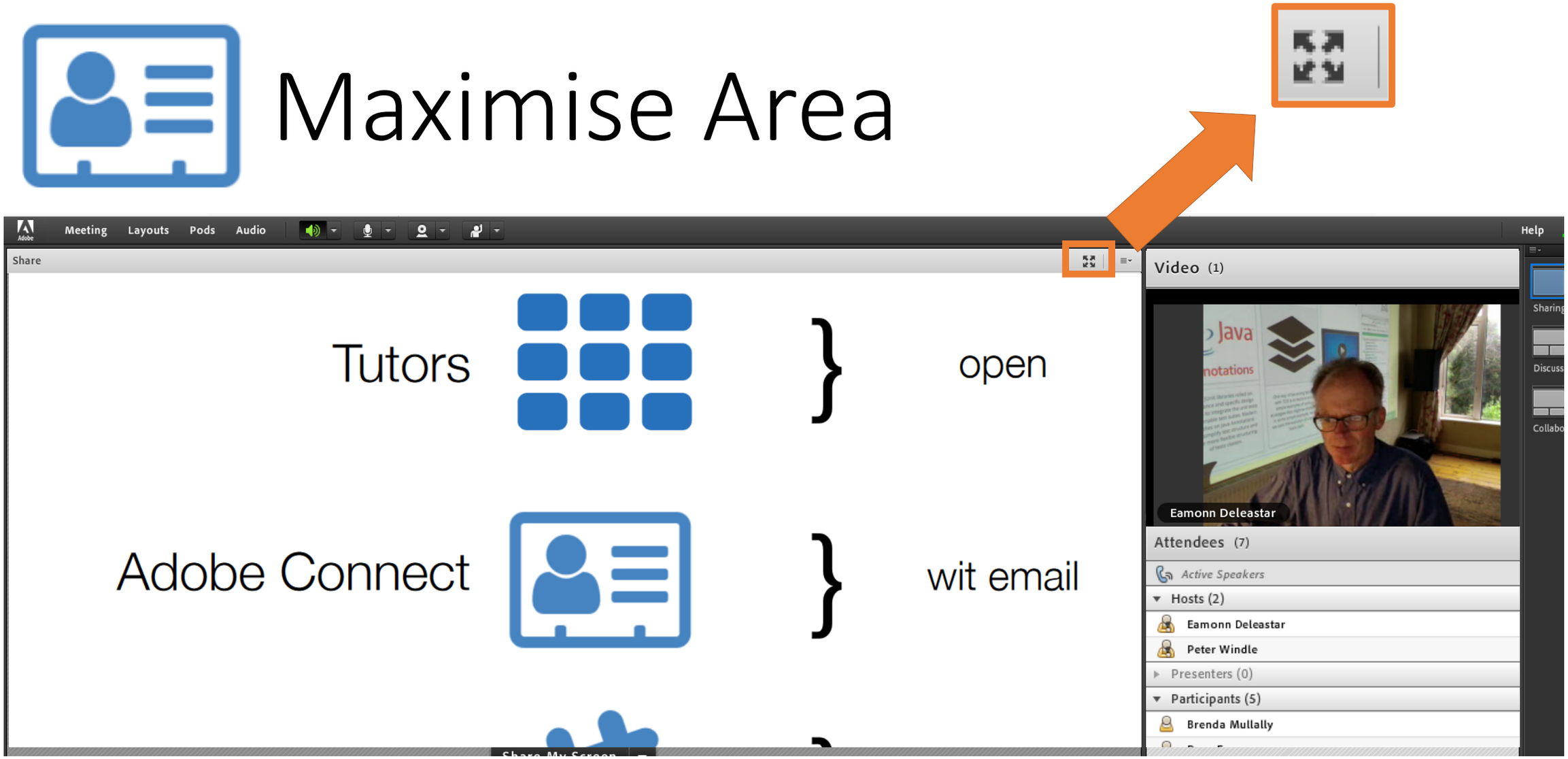


Mute microphone or select audio source

Adobe Connect Actions

Get the lecturer's attention or ask them to perform an action like Speak Louder or Slow Down

Maximise Area



Maximise screenshare area or
presenter video with the expand icon

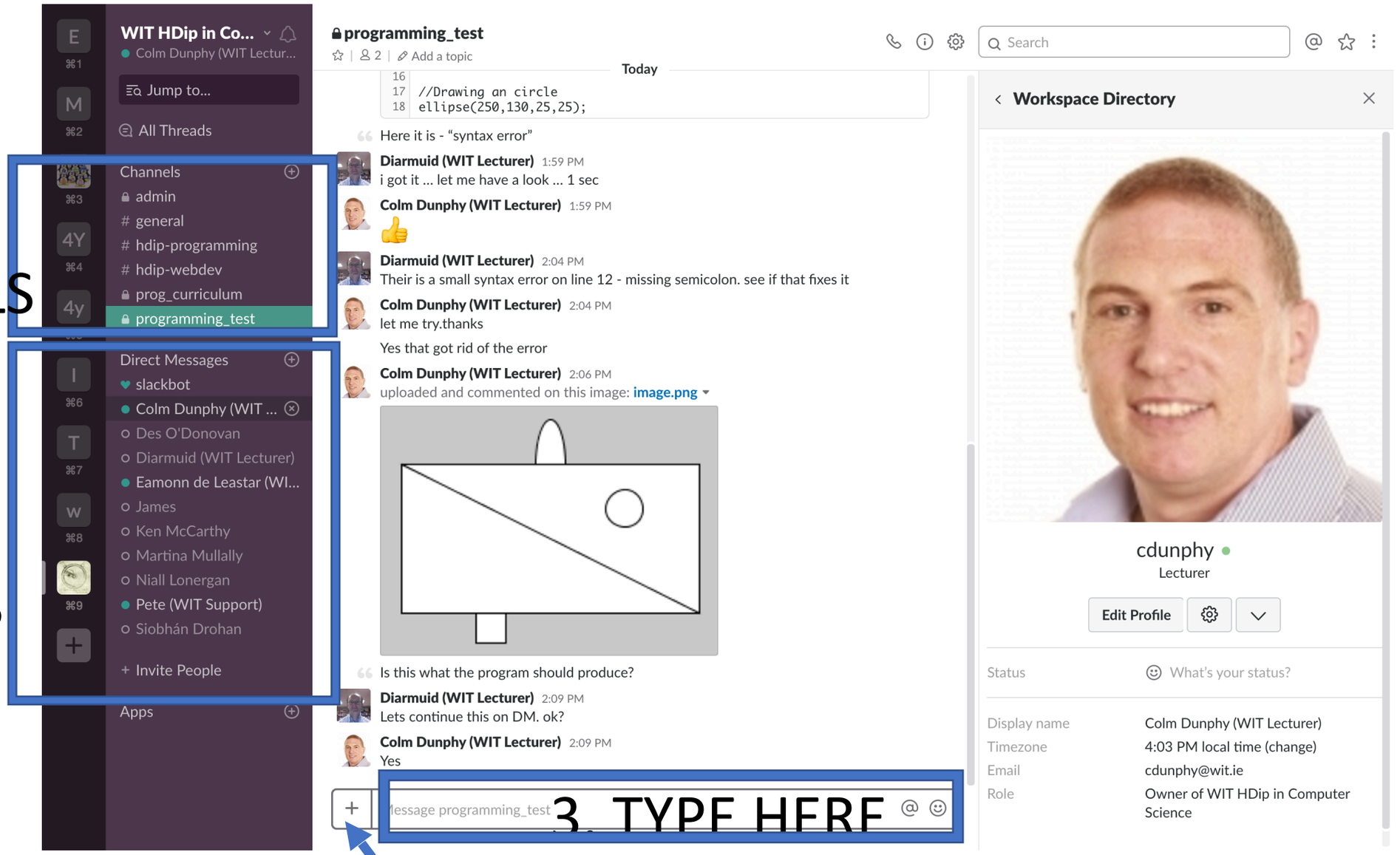
Slack

Lab Tuition Support + peer-to-peer communications & self help

Slack – main things to remember

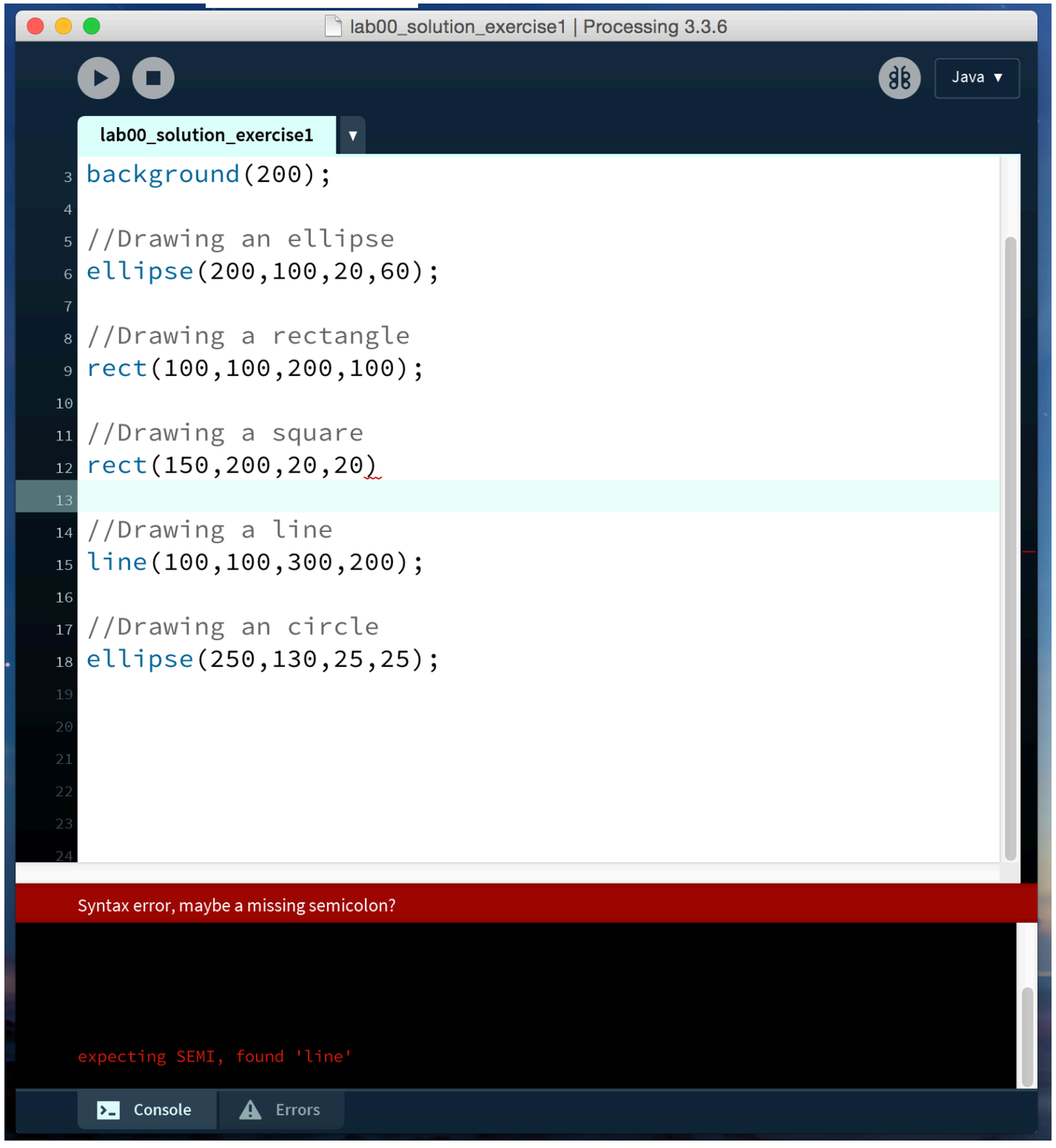
1. CHANNELS

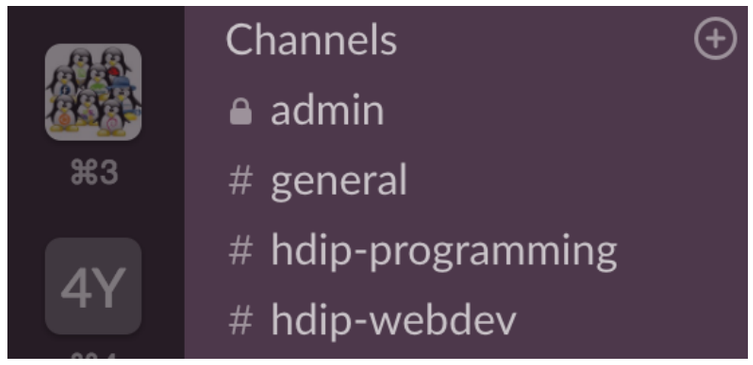
2. DIRECT MESSAGES

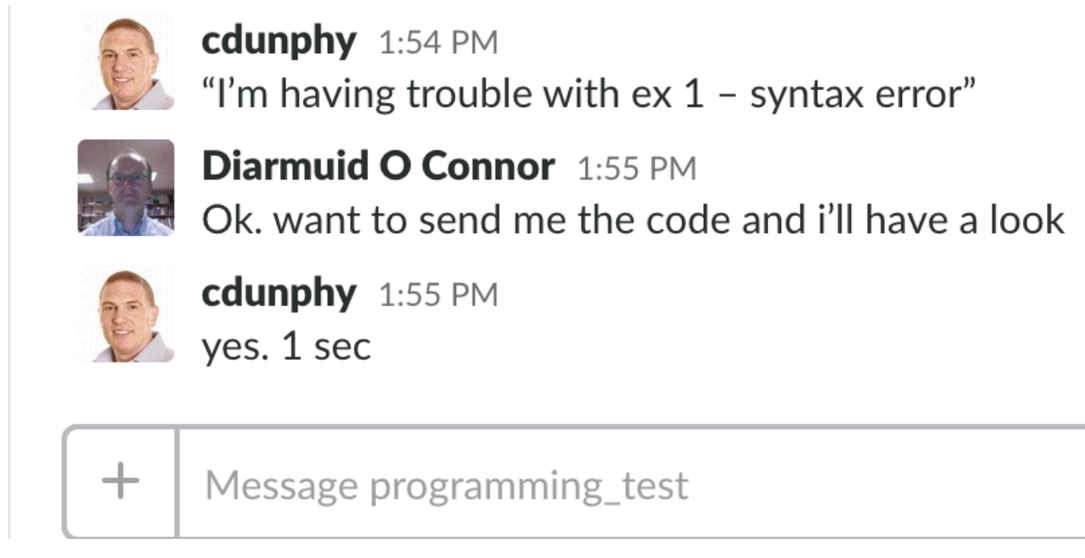


4. CLICK TO SELECT FILES/CONTENT TO UPLOAD

Slack



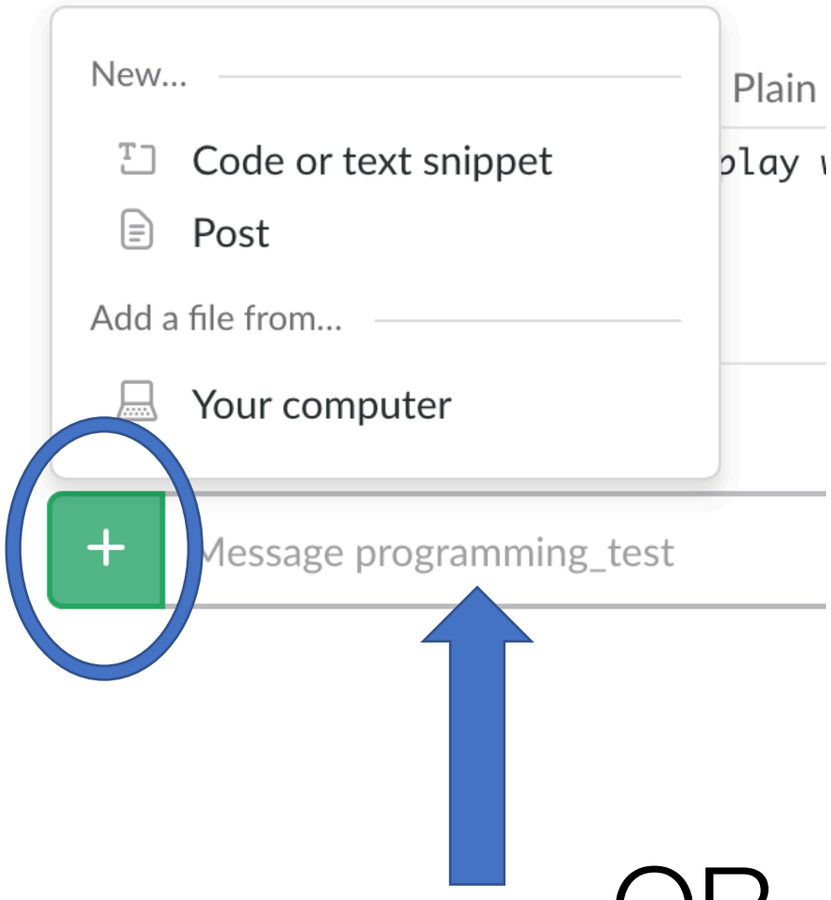


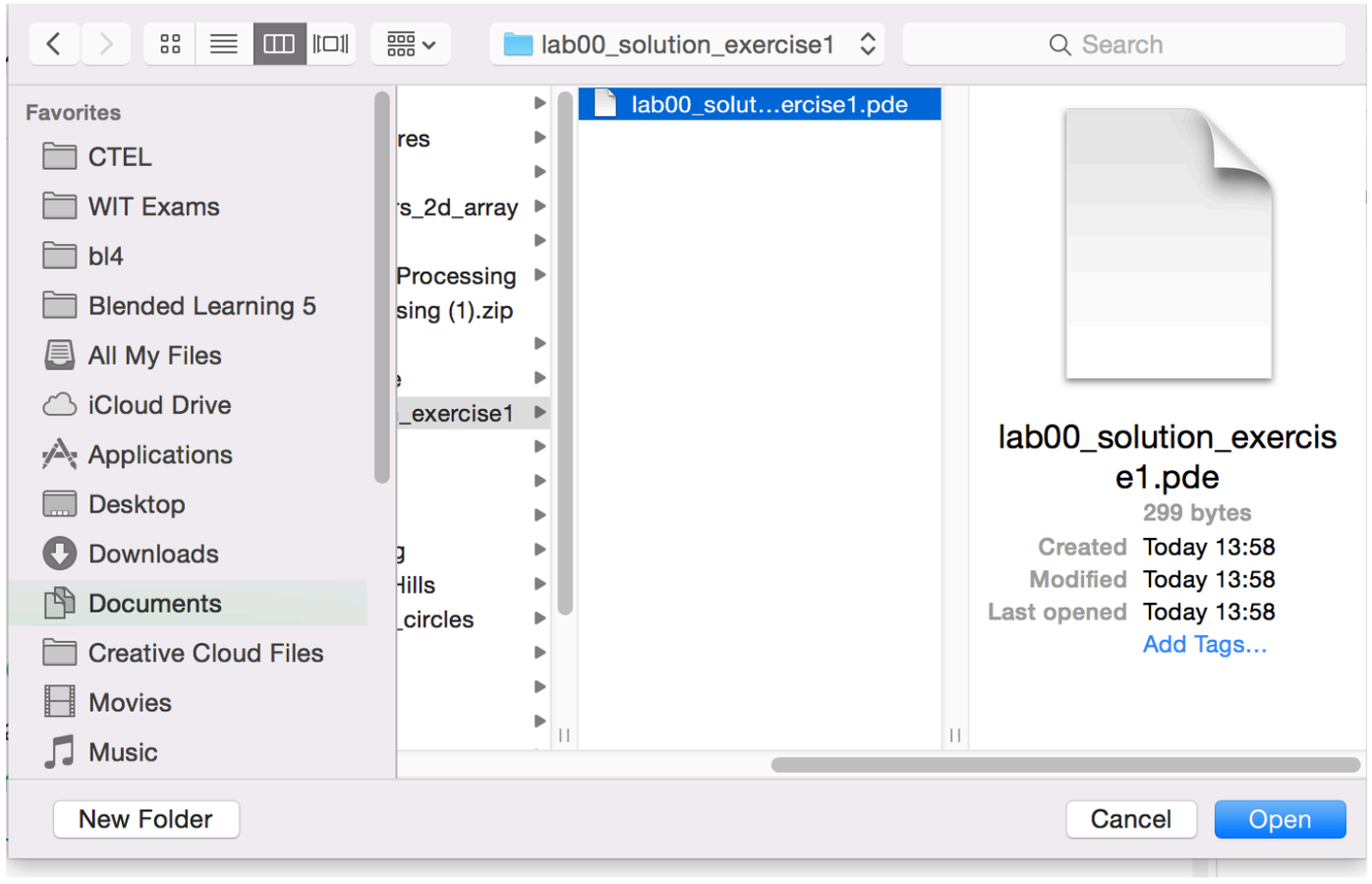


Select the Channel in Slack & post your issue

Slack

Uploading content for discussion



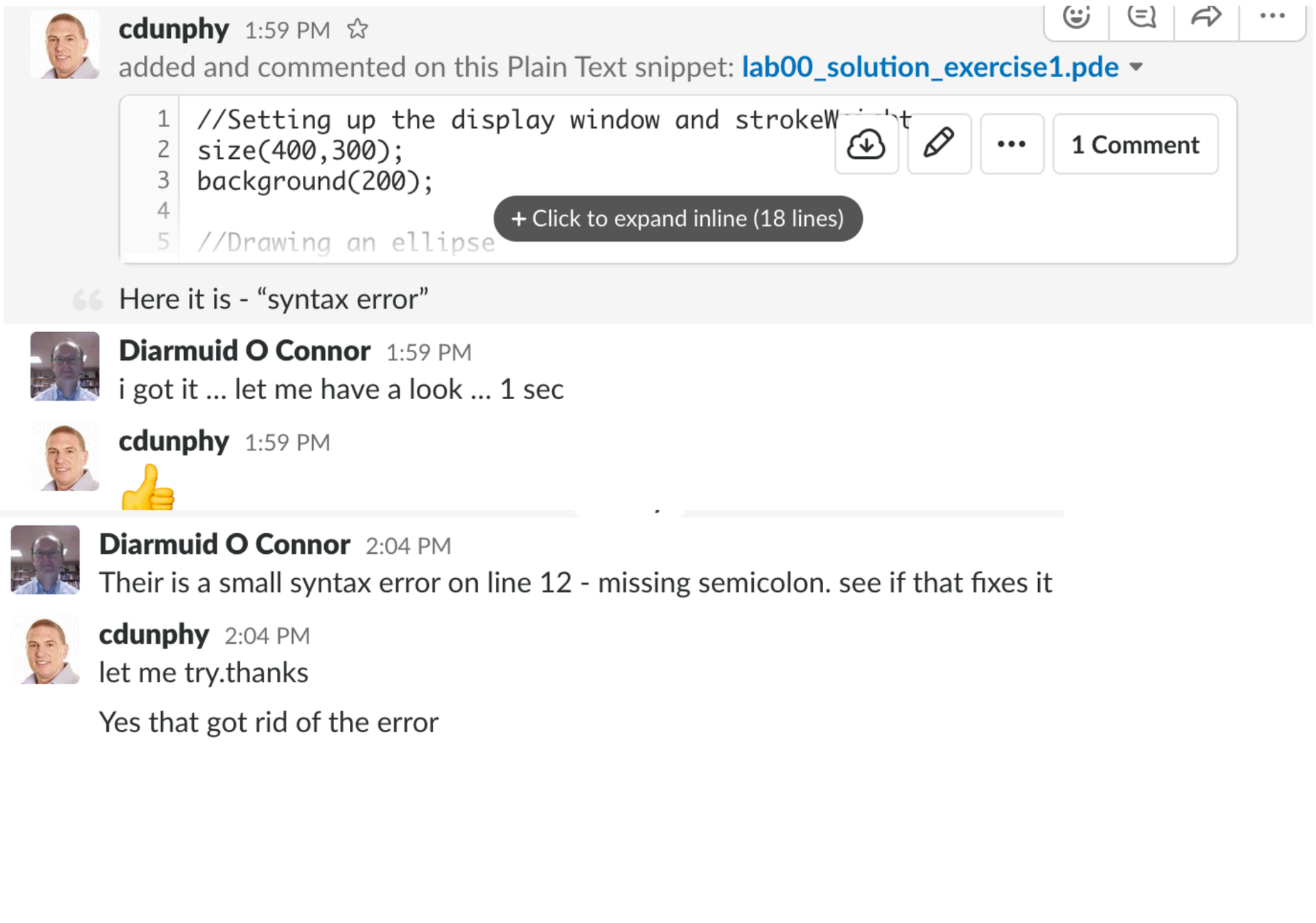


OR

drag n’ drop the file to here

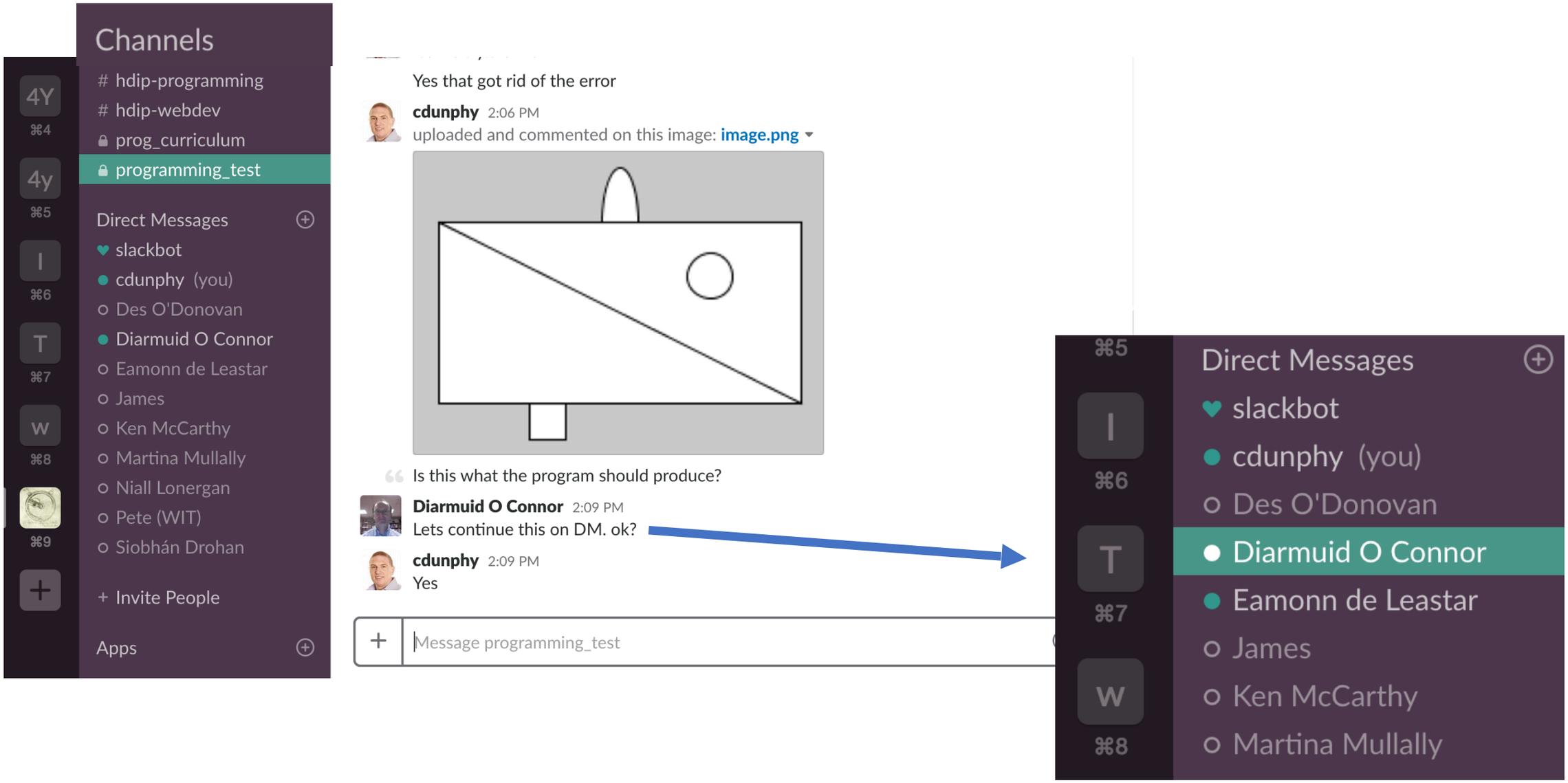
Slack

Simple issue resolved on chat text by peers or tutor



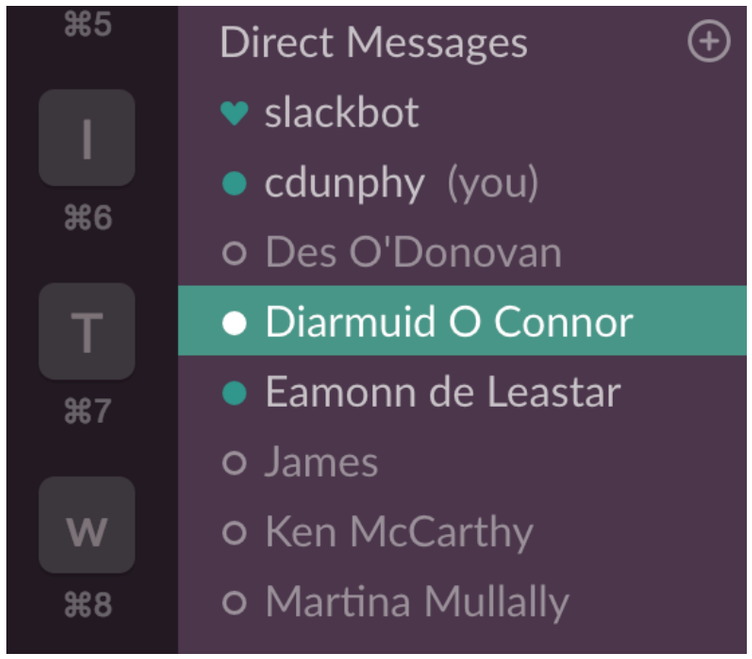
Slack

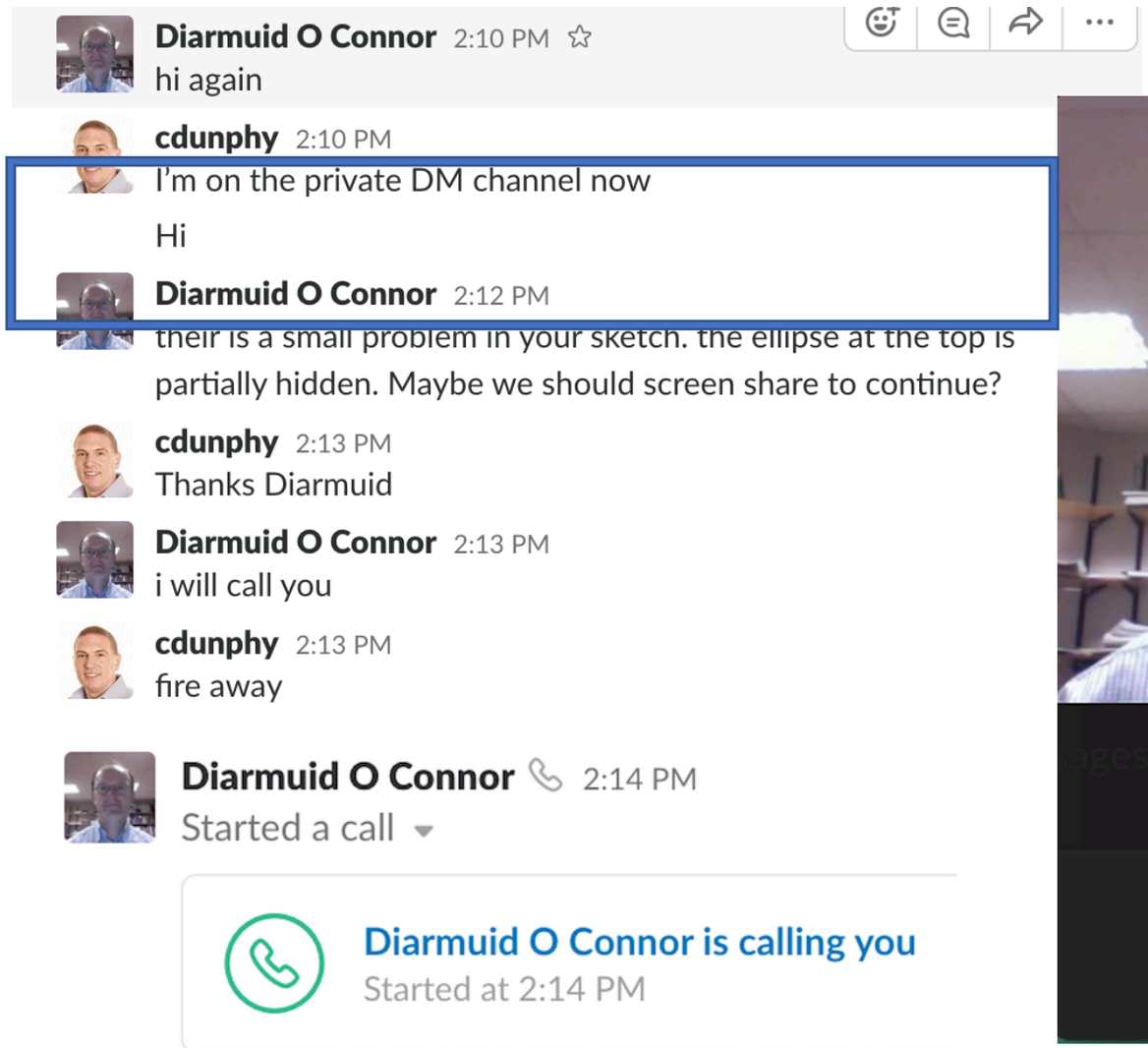
Private 1 on 1 help required -> Direct Message (DM)

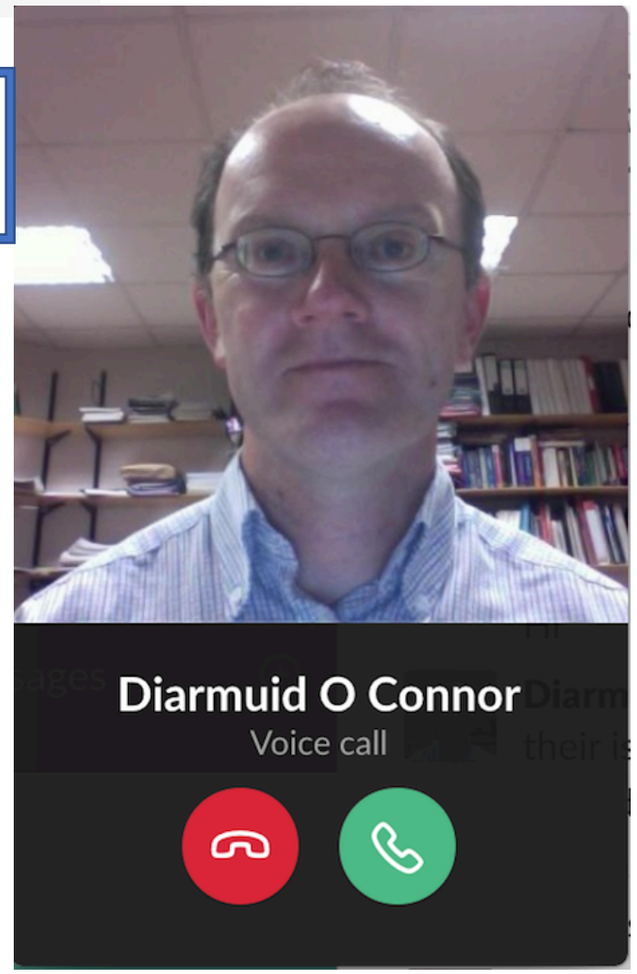


Slack

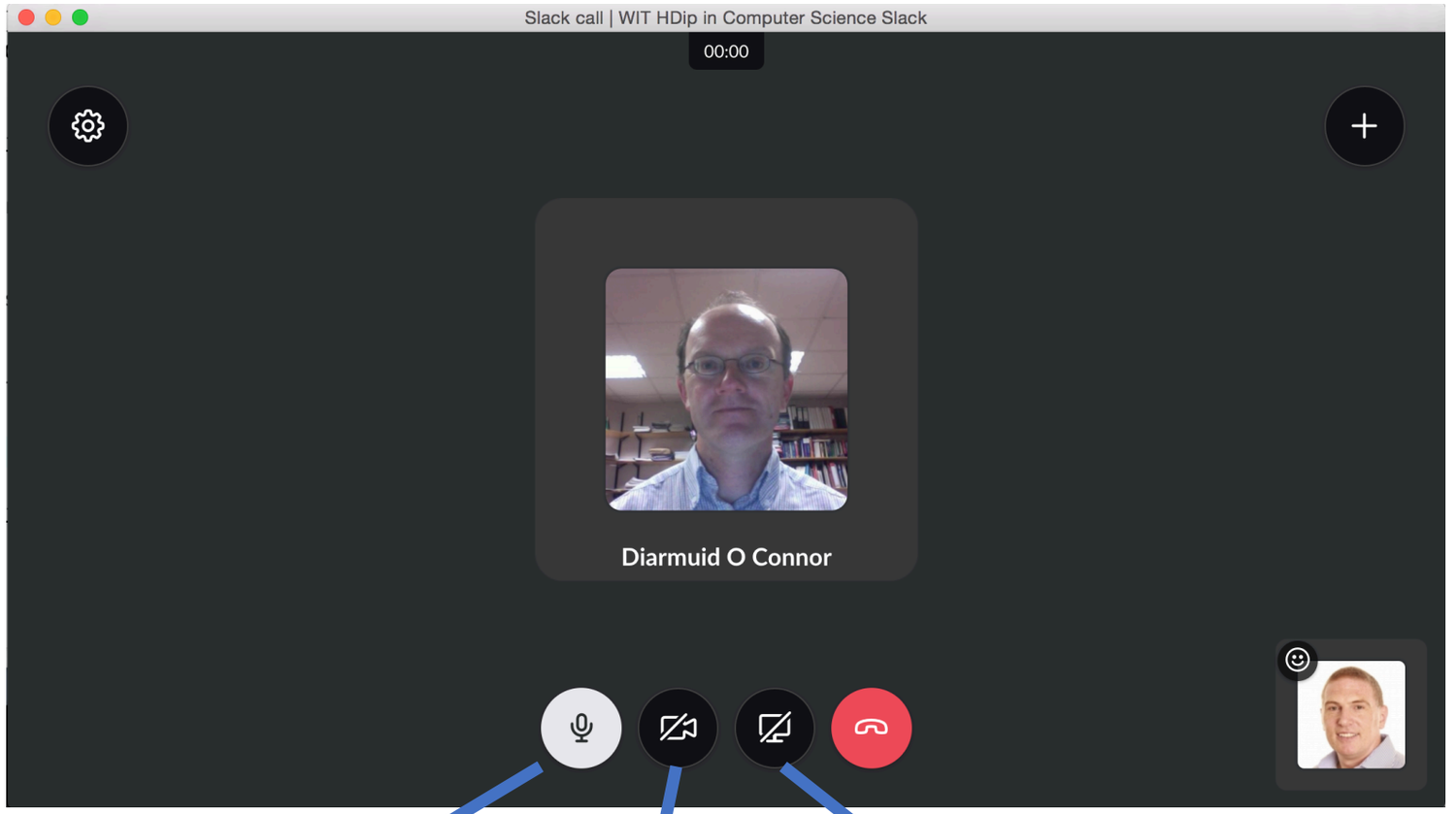
Lecturer sharing screen (call required)







Slack



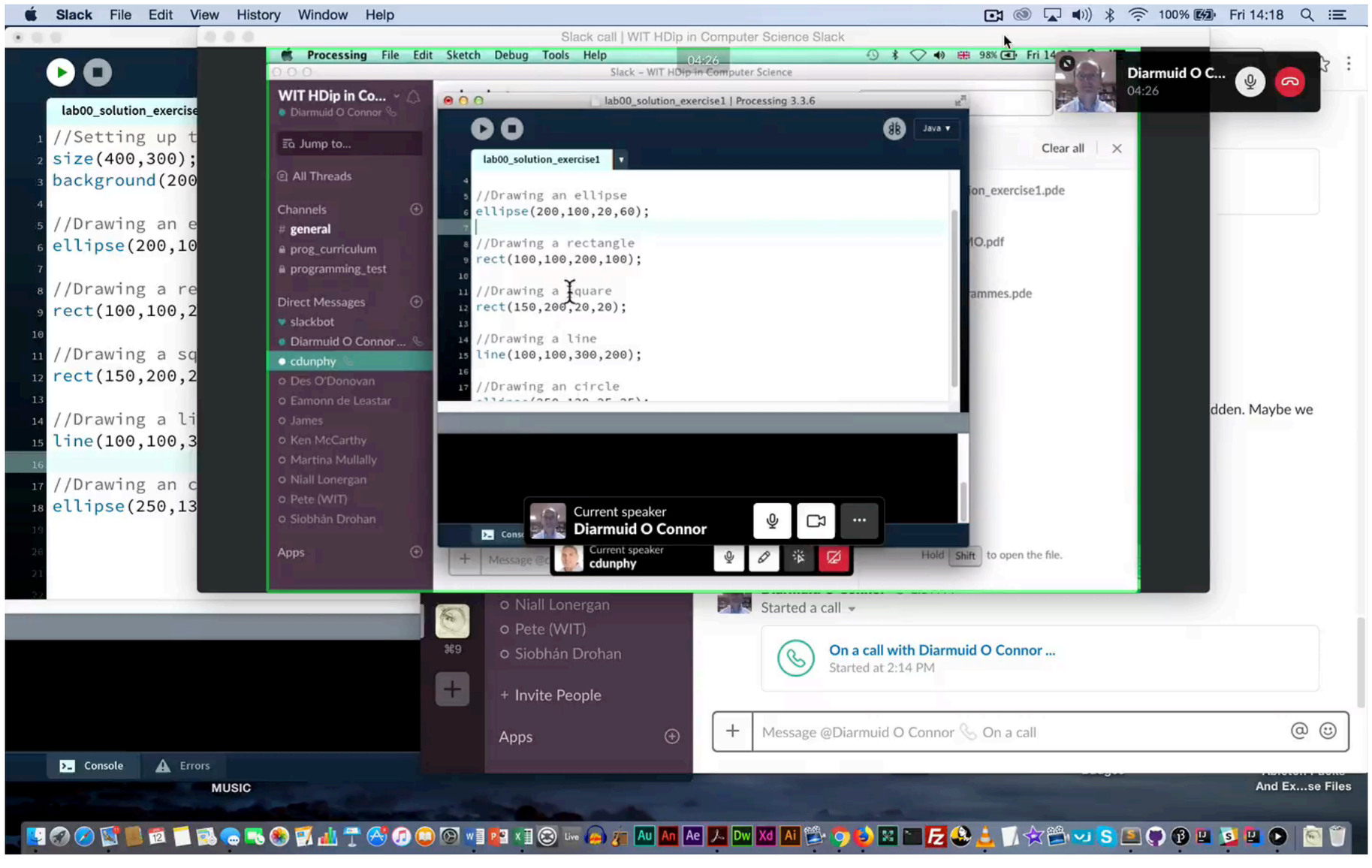
Mic

Video
Webcam

Screen
Desktop

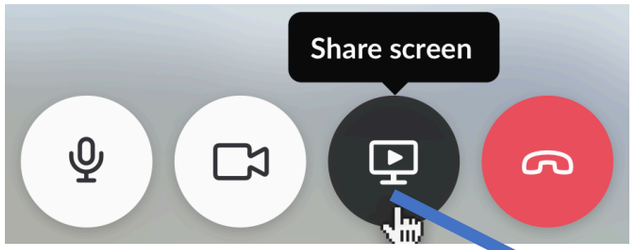
Slack

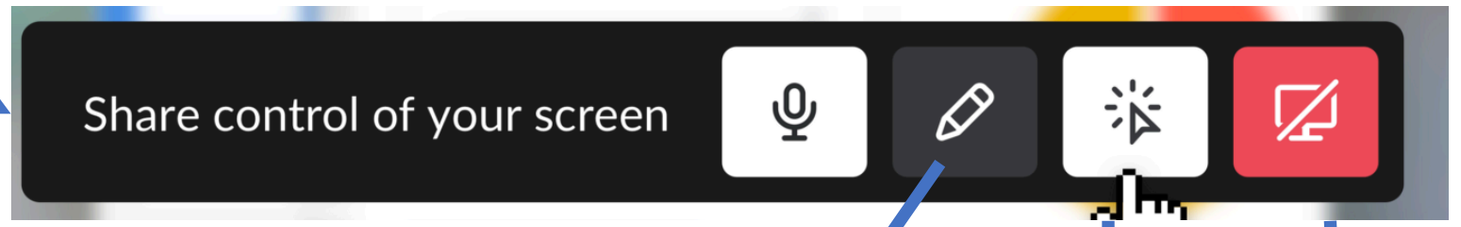
Call in Progress with lecturer's screen shared (call required)



Slack

Student screen sharing options





Enable others to draw on your screen

Full Control

Stop Sharing

Moodle

WIT E-Learning Platform
Used for Assignment Submission + feedback + grades

Occasionally used for additional document distribution

Moodle

Supplementary Programme Information Area

moodle.wit

Eamonn Deleastar
Student-2017-2018

Table Of Contents

- Programme Information
- Programming Fundamentals
- Web Development

Administration

- Module administration
  - Grades
  - Question bank
  - Competencies
- Switch role to...

Higher Diploma in Computer Science

My Home / Higher Diploma in Computer Science

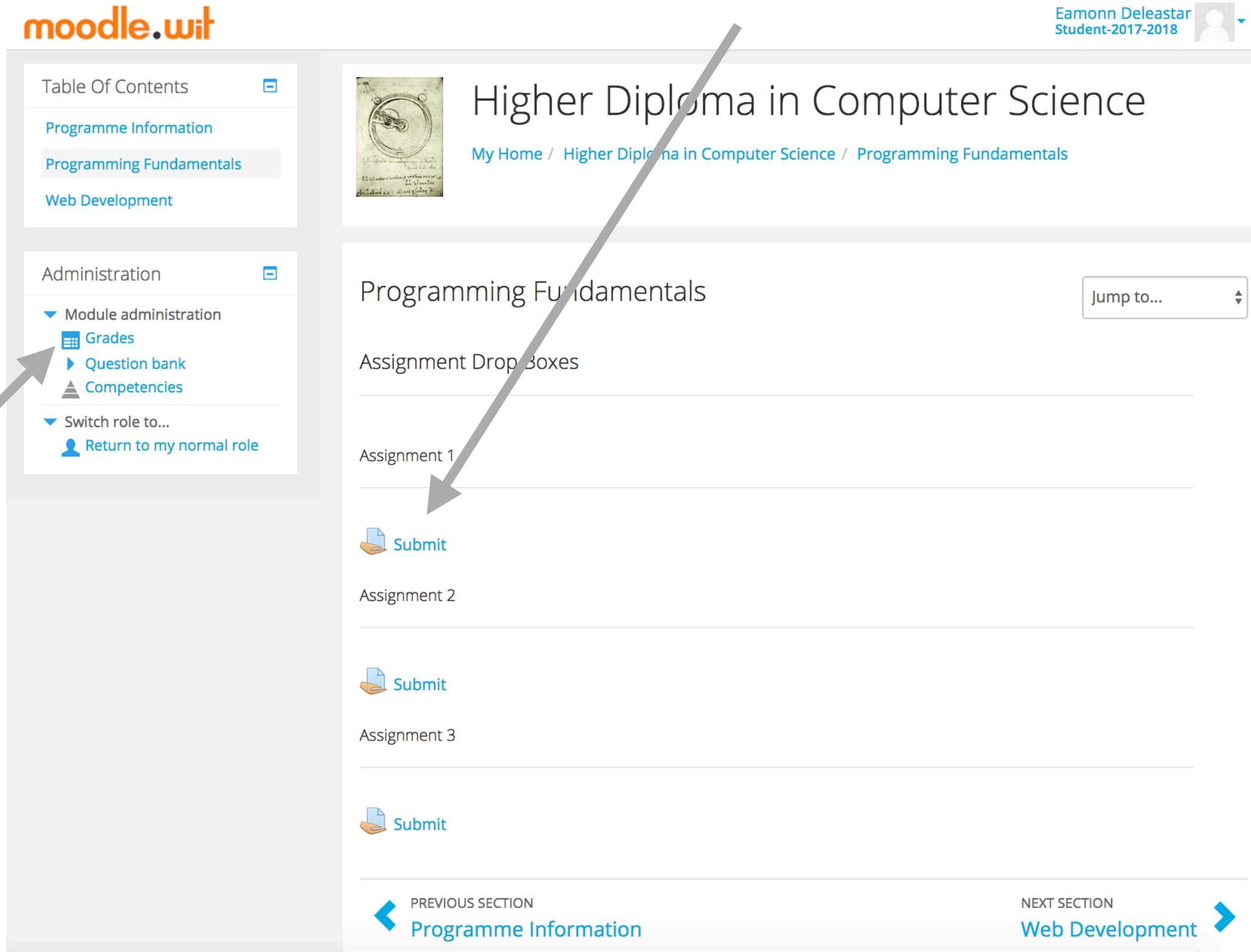
Programme Information

Jump to...

NEXT SECTION
Programming Fundamentals

Moodle

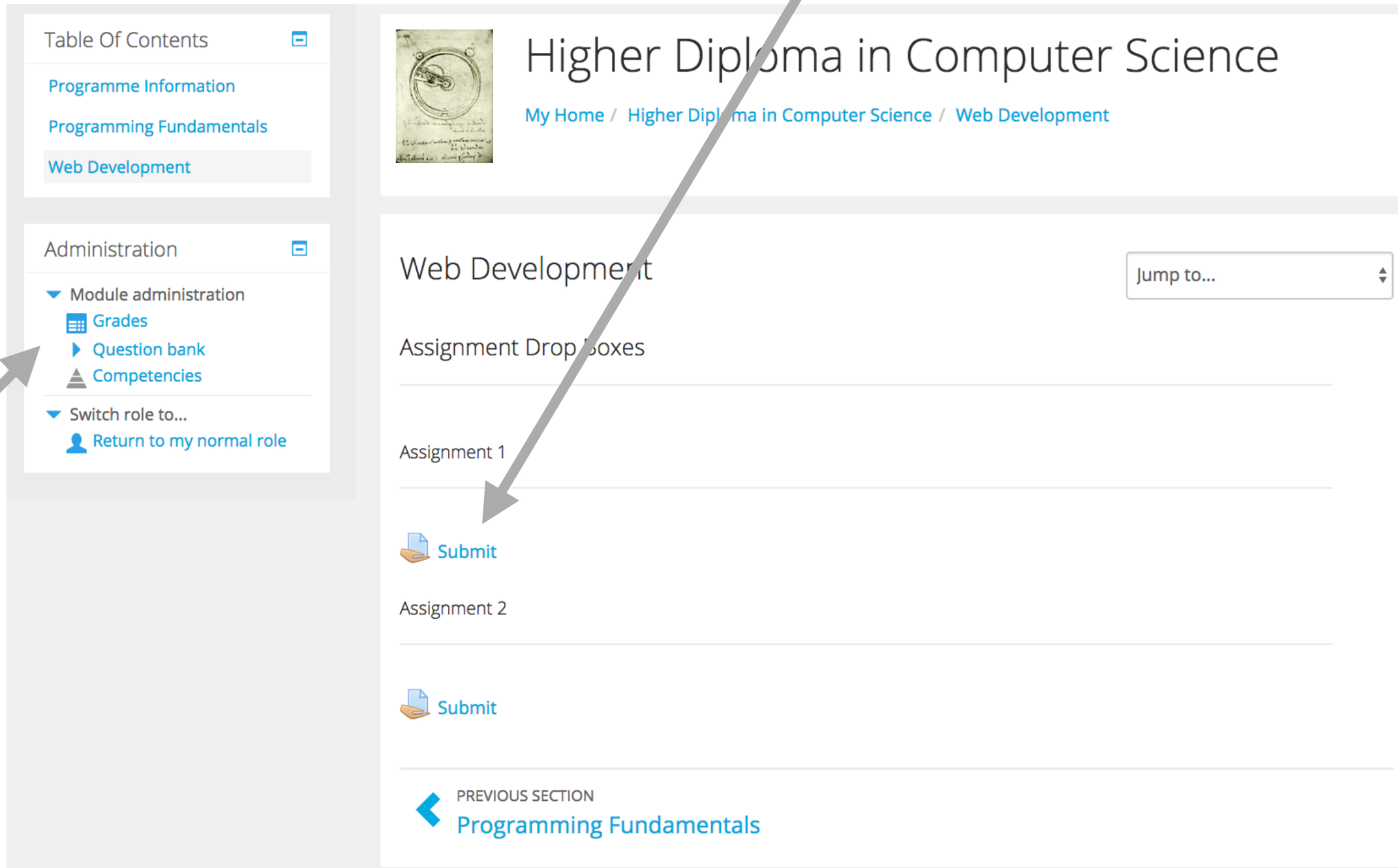
Programming Fundamentals Assignment Submissions



Grades

Moodle

Web Development Assignment Submissions



Grades