



Insper

# Creating and Publishing Active Learning Handouts

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**A Learning Strategy is “Active” if  
“[...] [students] are doing  
something besides passively  
listening”**

**(Bonwell & Eison, 1991)**



# Active Strategies

- Project/Problem Based Learning
- Team Based Learning
- Inverted Classroom
- Peer Instruction



A classroom setting with many students sitting at desks, working individually or in small groups on laptops. The room has large windows overlooking a city skyline. The lighting is bright, and the overall atmosphere is focused and collaborative.

**Handout:** document that guides  
students in their (active) learning  
processes

# Handouts

- Provide structure to activities that involve student autonomy
- Allow students to learn at their own pace, but might suggest estimated duration
- Should be based on learning objectives for the session
- Text explanations, images, videos, exercises, etc

# Authoring and Publishing Handouts



Blackboard

# Issues with this workflow

- Authoring tools are focused on **printed text**
  - Links, videos and rich content in general is hard
- Delivery tools have explicit upload/download actions
  - Synchronization of content between instructors, LMS and students

# **Examples of rich content**

# The Web solves these issues

- Pages can contain links to other handouts and external references, embedded videos and files and even interactive content like pools and quizzes
- Students just access a website to get course content on any device they use

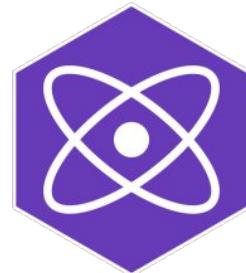
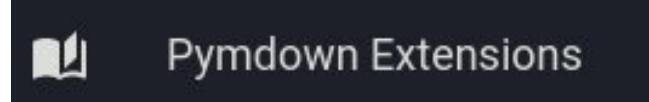
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- Students just access a website to get course content on any device they use
- **Different set of tools to author and publish web pages**

# Active Handout

- Tool to create and publish handouts as webpages
- Set of extensions for interactive content (quizzes, videos, etc)
- Preconfigured environment specific to create course materials
- Open Source project open for contributions

# Built on open source technology



PREACT

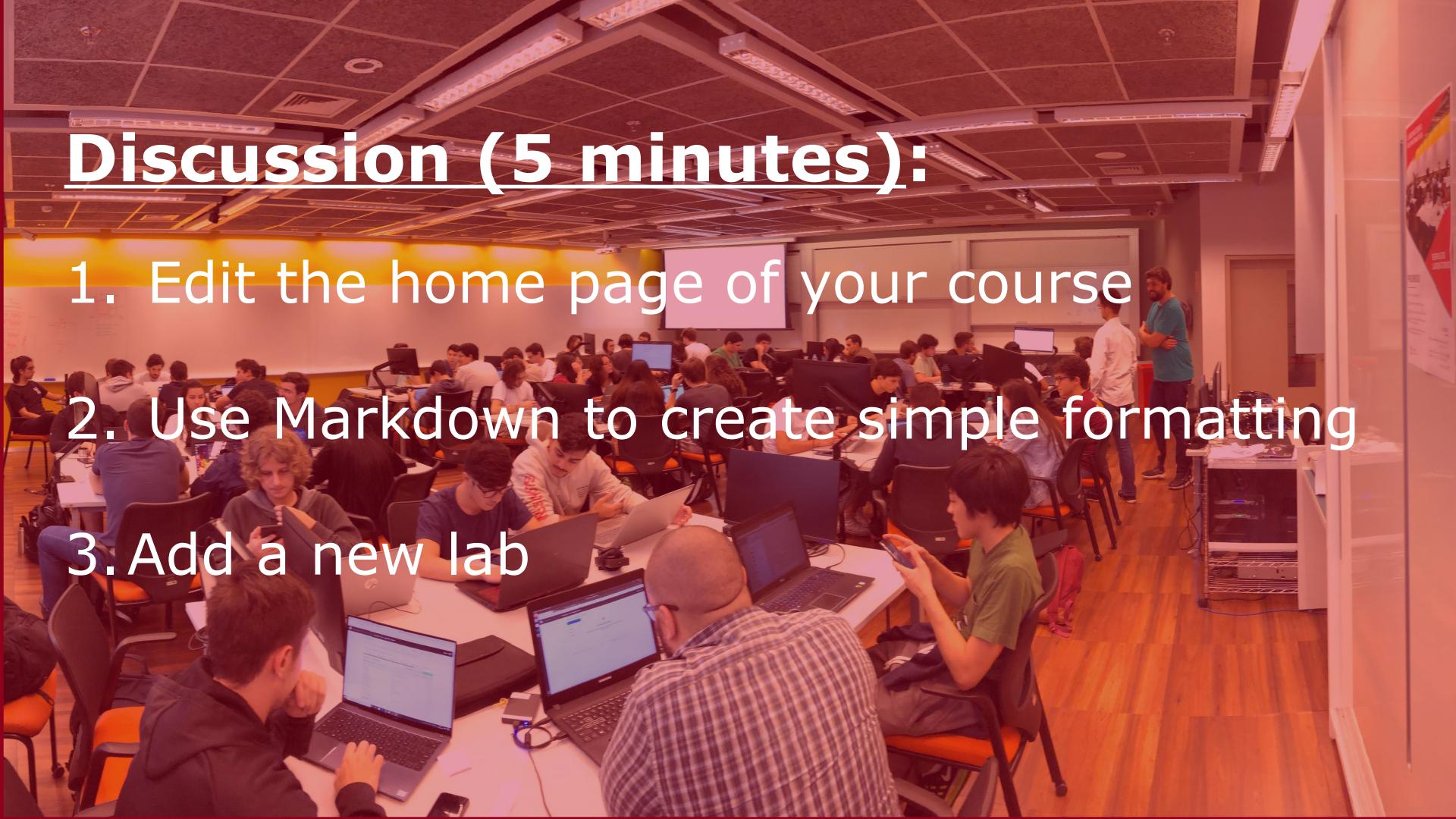
# Hands On (20 minutes):

1. Edit the home page of your course
2. Use Markdown to create simple formatting
3. Add a new lab



## Discussion (5 minutes):

1. Edit the home page of your course
2. Use Markdown to create simple formatting
3. Add a new lab



# Hands On (35 minutes):

1. Add a new lab
2. Add interactivity to handouts





# Thank you

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