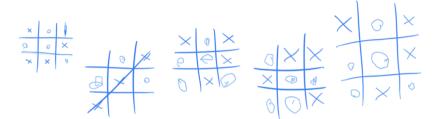
## CS-C1000 – Introduction to Artificial Intelligence Computer Assignment C

William Wilkinson

March 30, 2021

# **Computer Exercise C: Reinforcement learning for Tic-Tac-Toe**



Train your own game-playing Al.

#### Log into JupyterHub (a quick reminder)

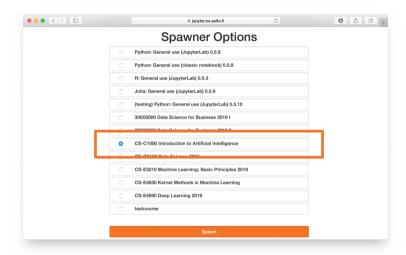
Log in to:

https://jupyter.cs.aalto.fi

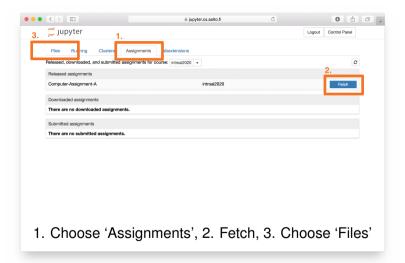


Using your Aalto account.

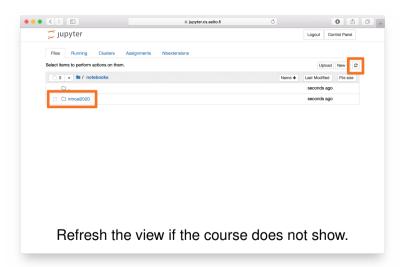
#### Choose the course



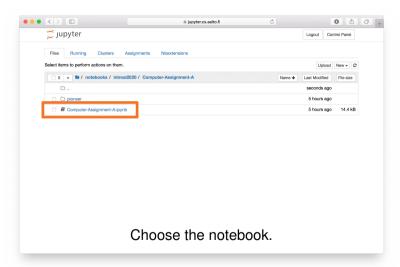
#### Fetch the exercise (well, C this time, not A!)



#### Find the notebook



## Fire it up (again, C this time)



#### Ready to run (a cell at a time)



- Set up an agent.
- ▶ Try the agent by playing against it yourself.
- Train the agent by self-play.
- Try the agent by playing against it yourself.
- Continue training and playing.

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### How to get points?

To get the points for this week's exercise, answer the questions in MyCourses related to this Computer Exercise C.