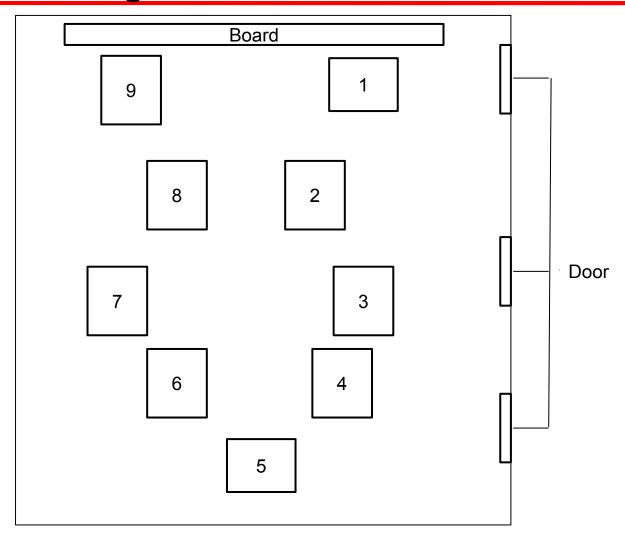
Stationary Robot (1)

21st September, 2016 Instructor Prof. Shih-Chung "Jessy" Kang 康仕仲

Seat arrangement



Facebook group

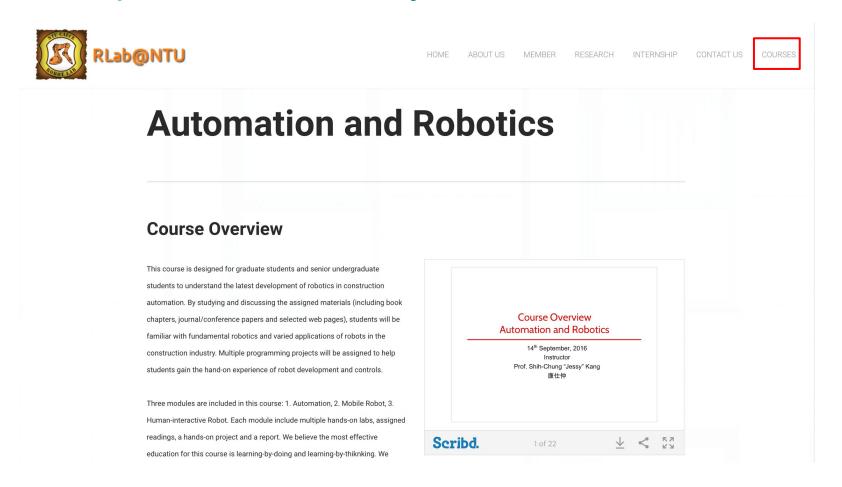


Google drive

- After you provide your gmail address, we will add you to the shared folder.
- Folder name: 2016 Fall, Automation and robotics @ NTU

Course website

http://nturlab.weebly.com/



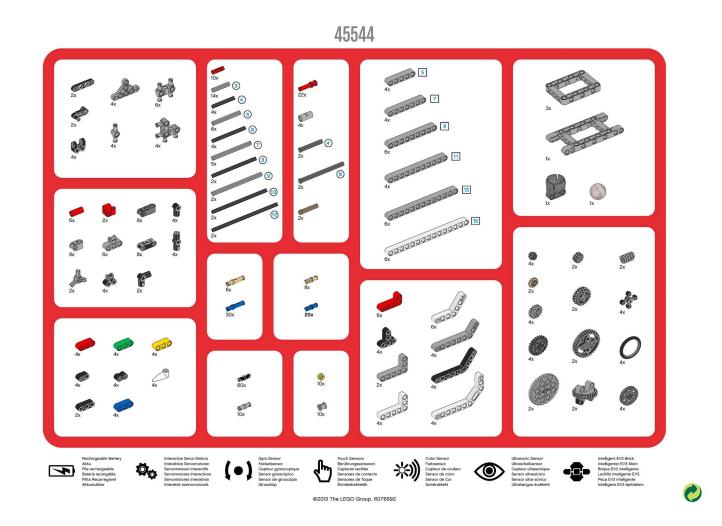
Penalty card rule

- Penalty card
 - Yellow card: you can disucuss with your teammates and show a yellow card to a particular person in your team as a caution.
 - Red card: The particular person will get one red card after already collectting TWO yellow cards, and the instructor will privately talk to him/her to let him/her know his/her situation.

Team ground rule

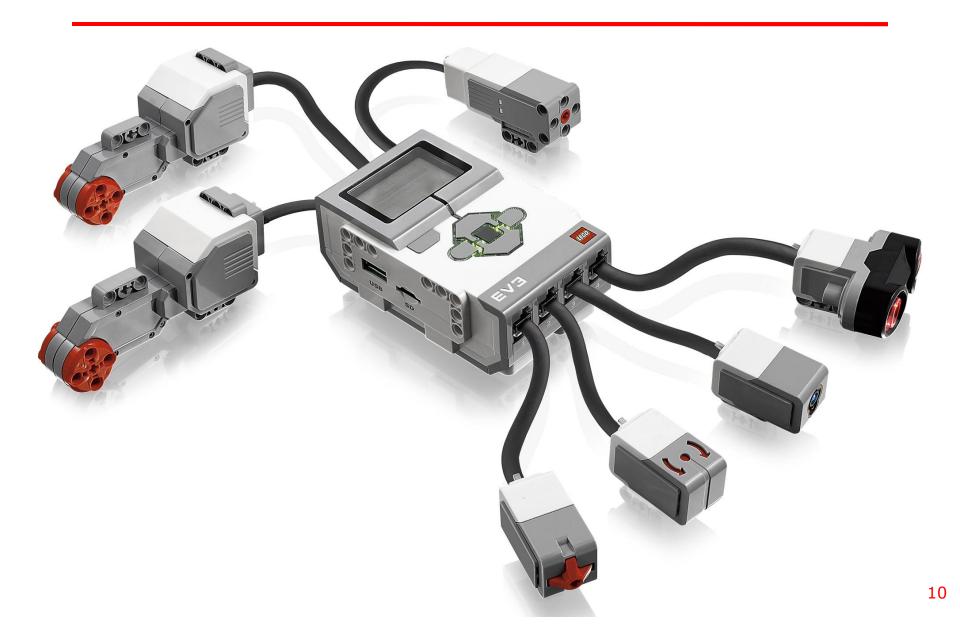
leam Ground Rules
Breaking up:
We all agree with these rules, and will follow the rules in this semester (2016 Fall).
Date:
Signature:

Lego prepatation



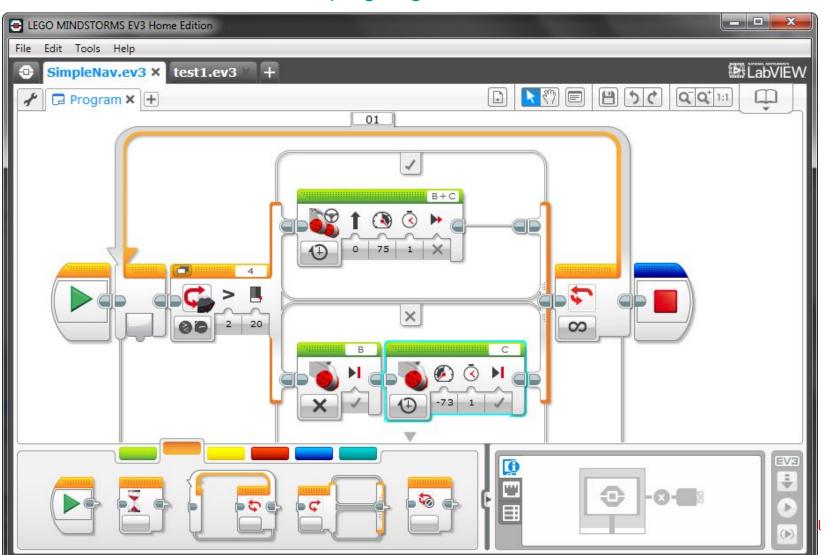
In-Class Excercise: Lab 1 Color sorter

Lab 1 – Color sorter



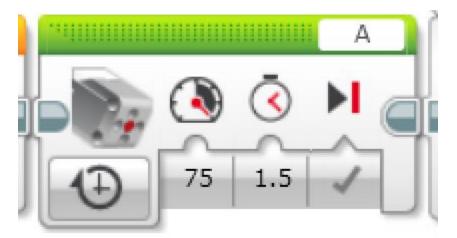
Lab 1 – Color sorter Lego EV3 Software Setup

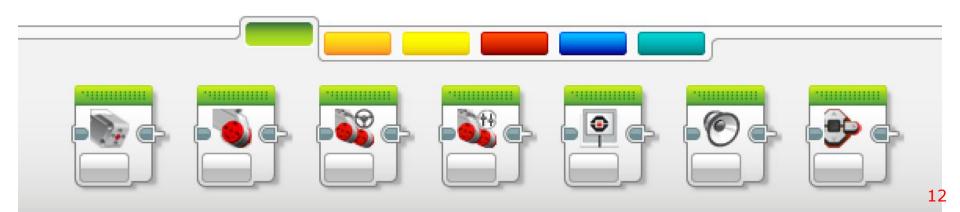
EV3 software download: http://goo.gl/kLffP6



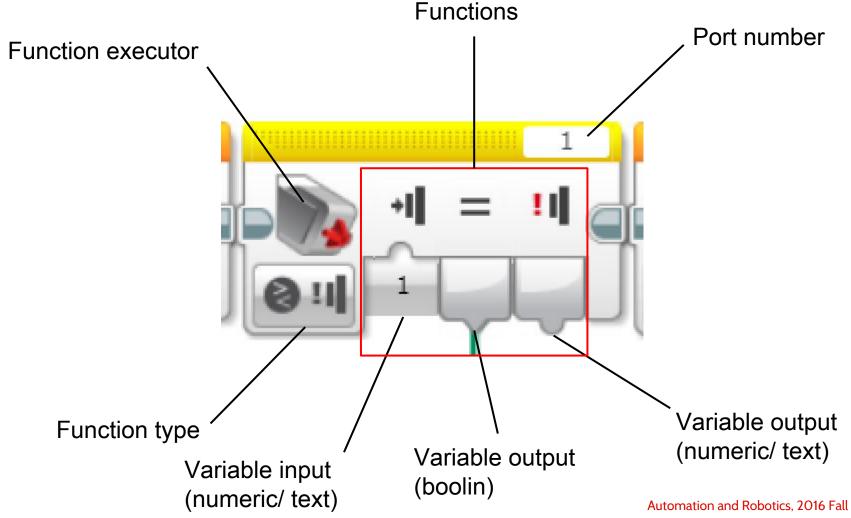
Lab 1 – Color sorter Lego EV3 programming

- Blocks (basic units of your program)
 - Action
 - Flow Control
 - Sensor
 - Data Operation
 - Advanced
 - My Blocks





Lab 1 – Color sorter Lego EV3 programming



Lab 1 – Color sorter Demonstration video



Lab 1 – Color sorter Challenge

 Please modify the mechanism to remove the "manual scanning" stage.

Thank You

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TA: **楊耀畲 yyben@caece.net**

陳鵬元 pychen@caece.net

Course website:

http://nturlab.weebly.com/automation-and-robotics.html