江西理工大学 信息工程学院
JIANGXI UNIVERSITY OF SCIENCE AND TECHNOLOGY SCHOOL OF INFORMATION ENGINEERING

Mobile application development

移动应用开发

Lecture 010:

APP Inventor _Example

Review the example and introduce some blocks

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Autumn _2021

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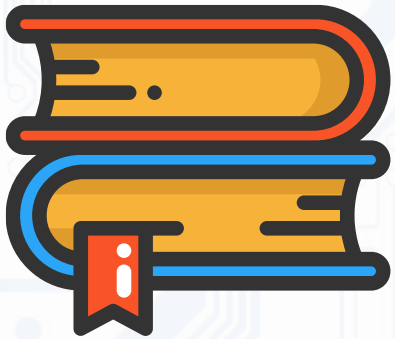

MOBILE APPLICATION DEVELOPMENT

LECTURE 09: APP Inventor _Example

Review the example and introduce list blocks

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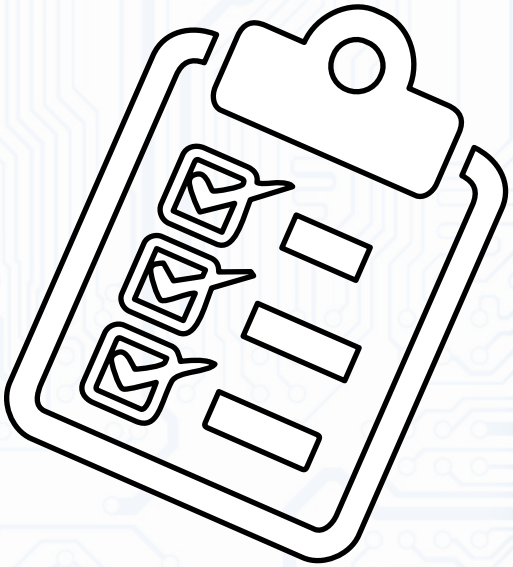
App Inventor

Agenda



- **Review the example and introduce LIST blocks**
  - **MIT App oInventor LIST Blocks**
  - **Example name** Student Portal

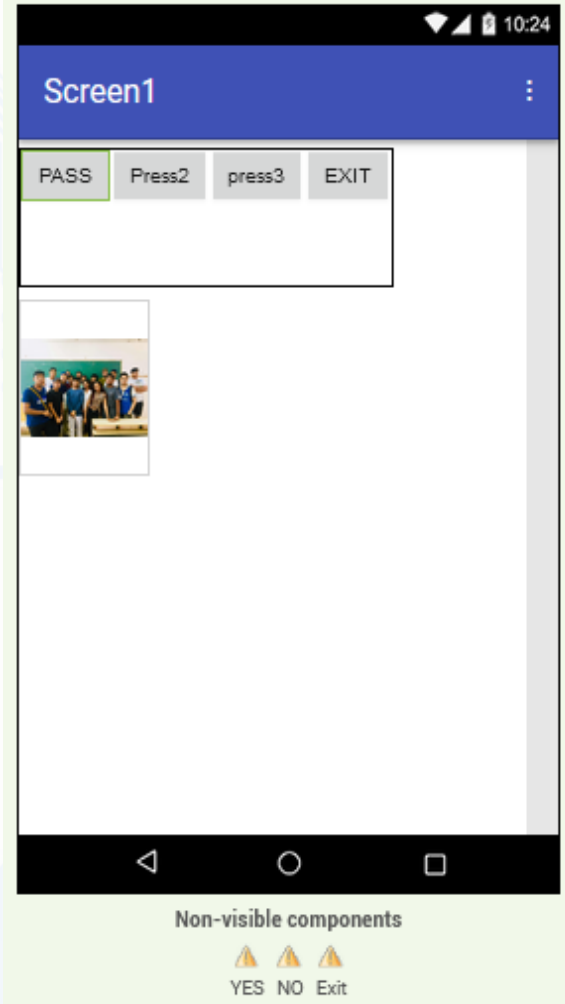
- More study please read the share PDF on MOOC
  - About list section

Today example

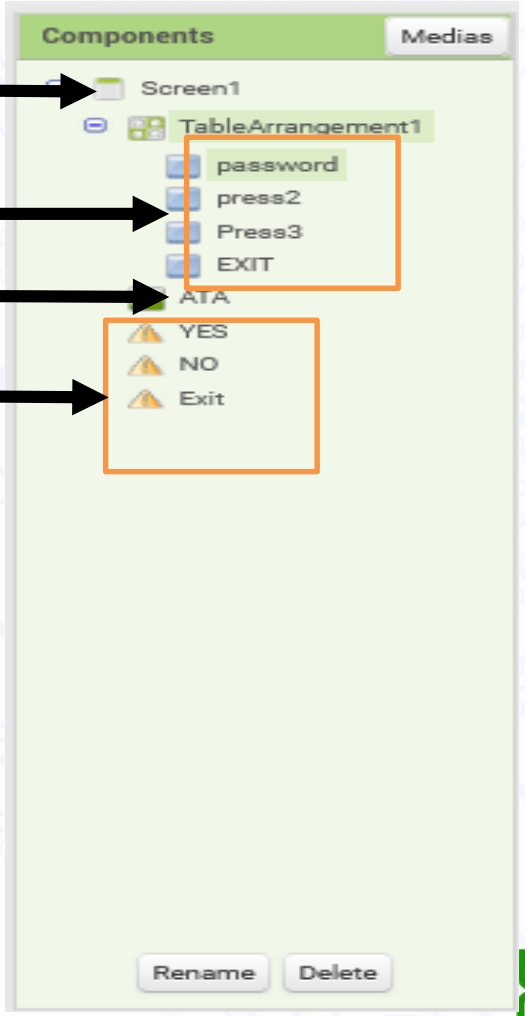
- Find the ID number of student by pressing the name of student in the list
- We will extend the last example and use it for new example

- We can call this app: Student Portal

Last
Project part in Designer setion



- @Screen 1
- Layout arrangement
- Buttom *4
- Image
- Notification section



New
Project part in Designer section

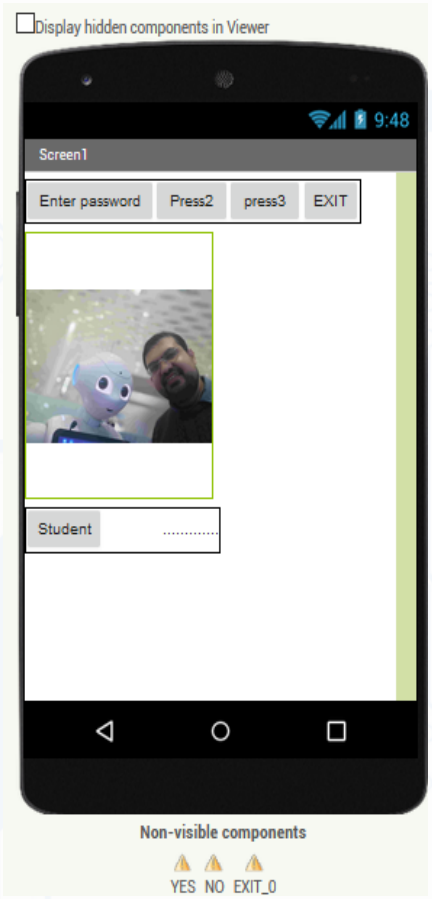
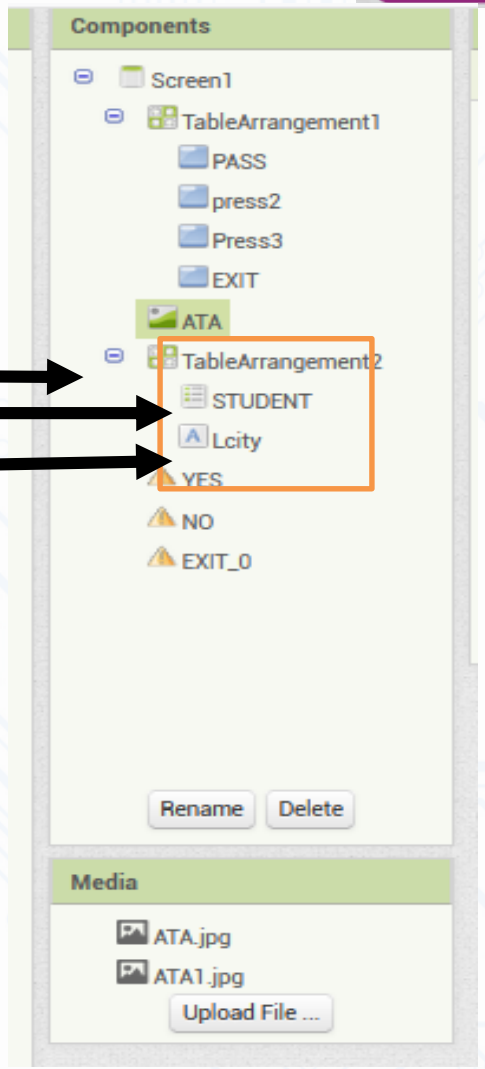


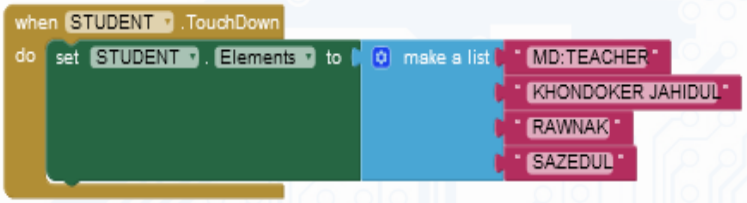
Table arrangement

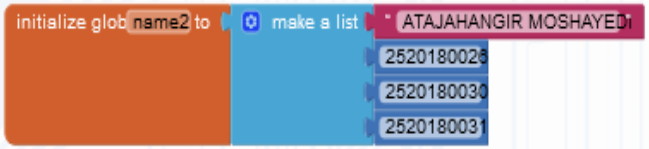
List picker

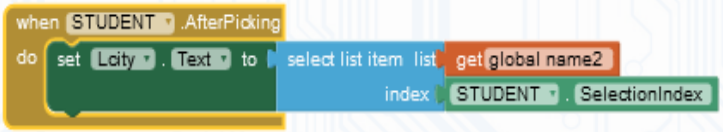
Label

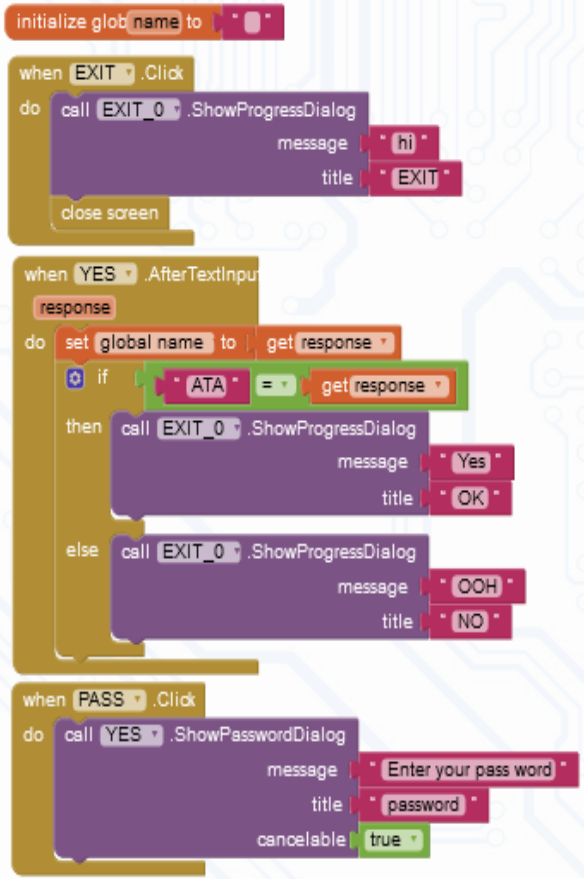


Block Diagram Over view

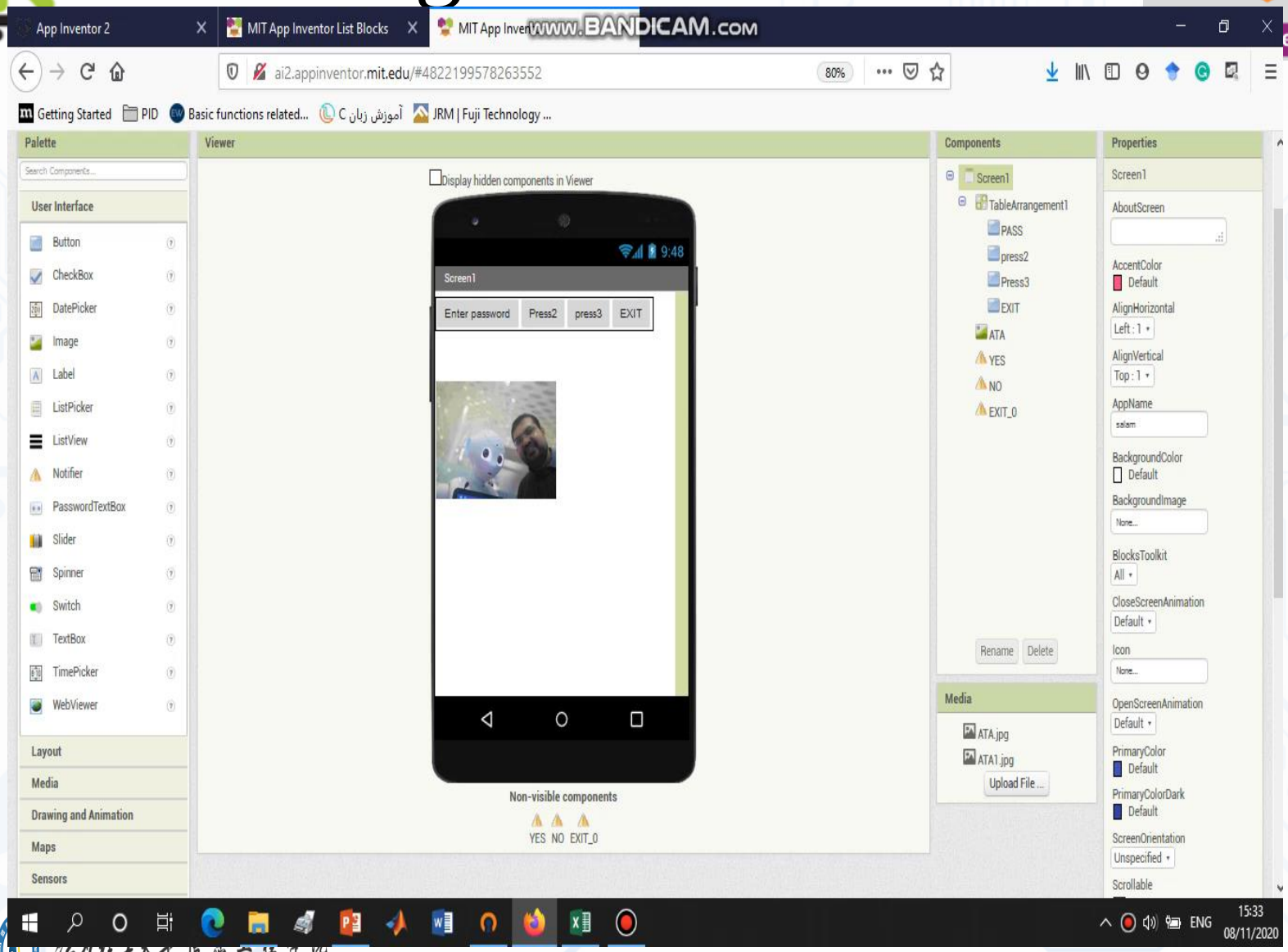




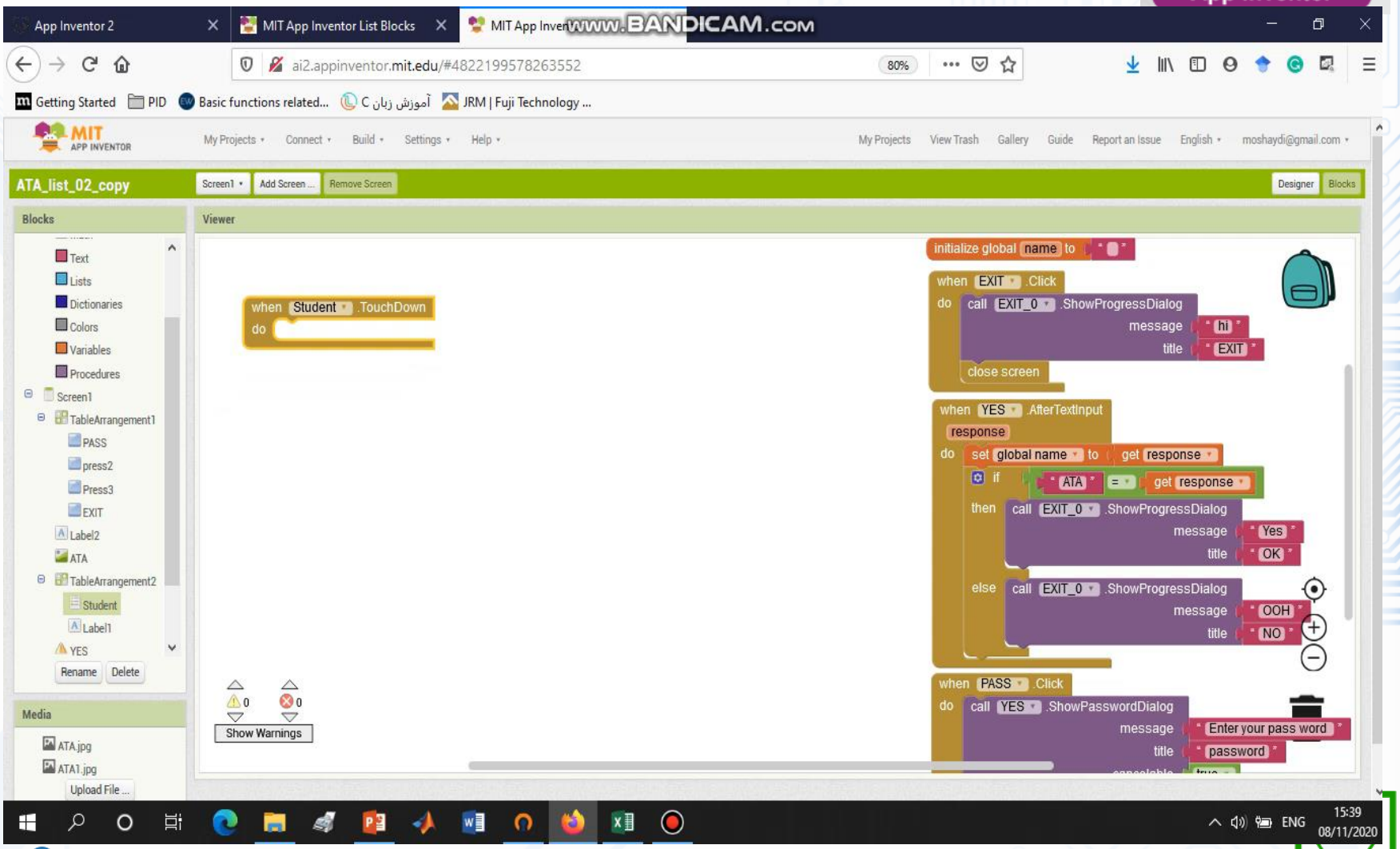




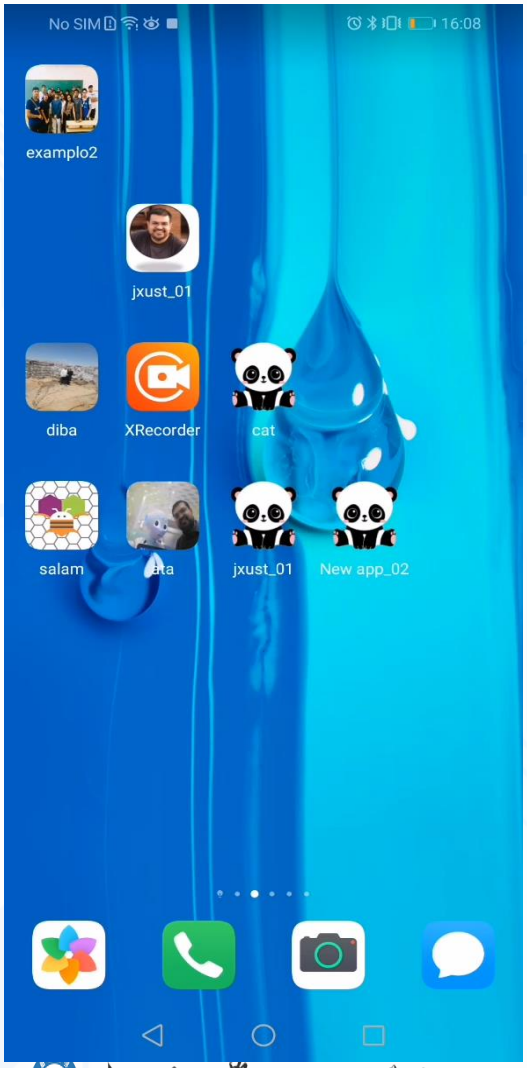
Designer section

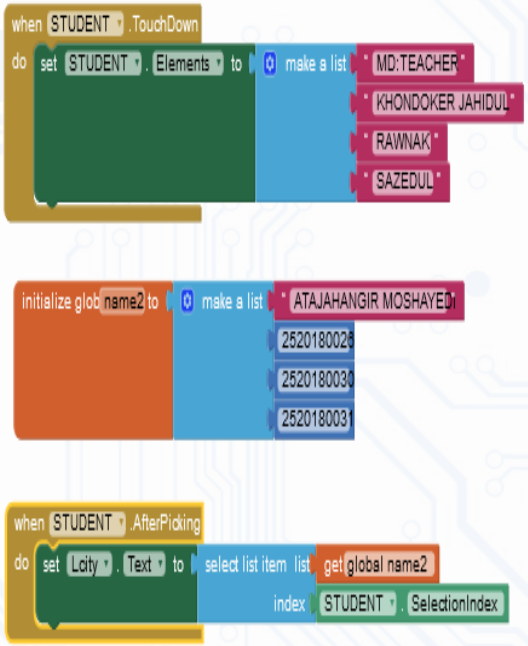


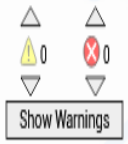
Blocks section

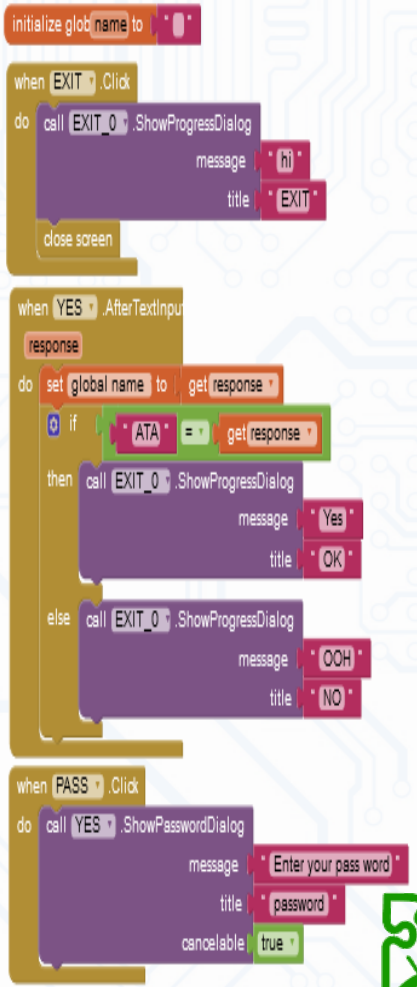


APP Demo









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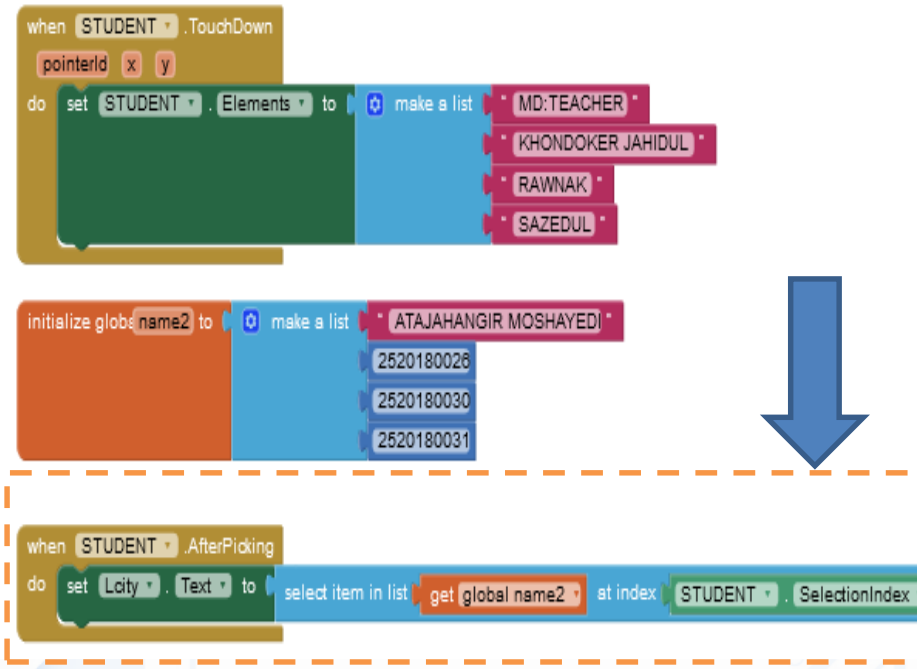
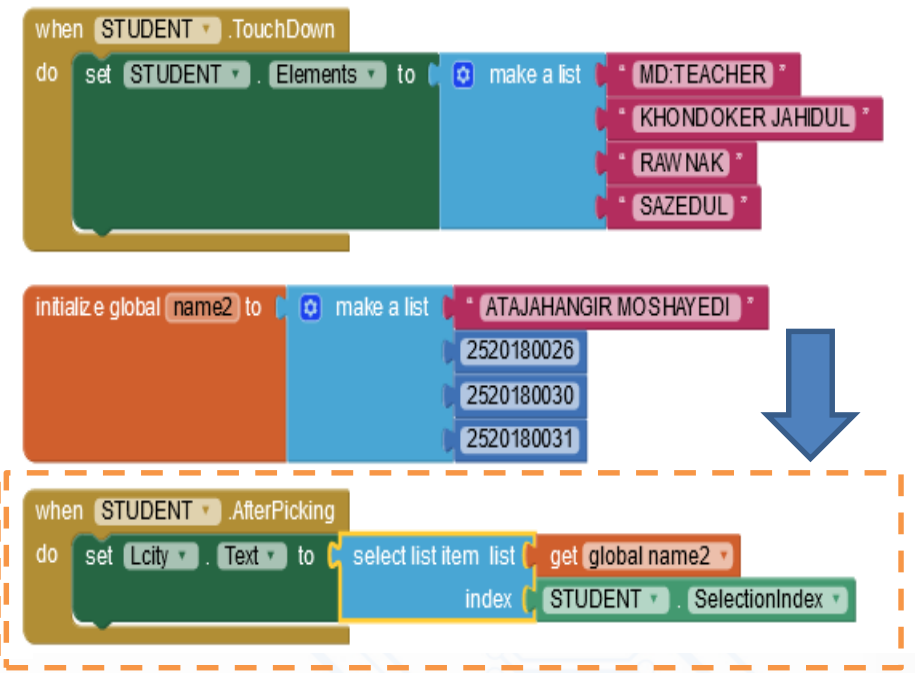
App Inventor

One main different between two version

https://app.wxbit.com



http://ai2.appinventor.mit.edu



Student Task_7

- **Read the task book 2**
- **send solved example(Student Portal) for all you friend in our lecture(cs2019) in this ppt + video clip based on each section and total app Follow the task PPT format**

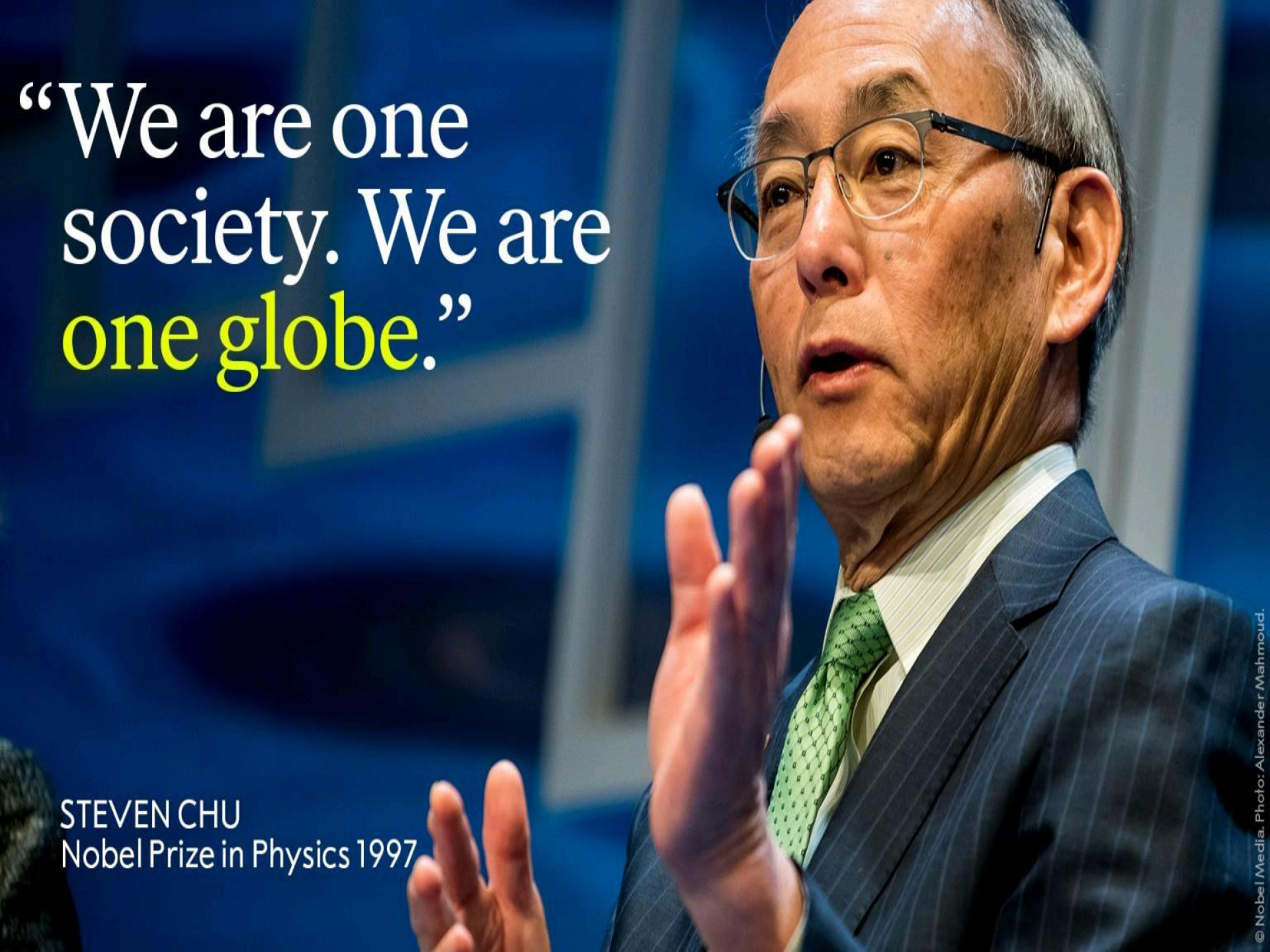
Next lecture

- **You have time to send your task**
- **Send the file in PPT(power point format) to JUST MOOC**
- **Your file should have this format of name**

<Task number><student name><Student ID>.ppt

Reference

- http://ai2.appinventor.mit.edu/reference/blocks/lists.html#selectlistitem
- **https://appinventor.mit.edu/explore/content/alertme.html**
- **Teaching with AppInventor** http://appinventor.mit.edu/explore/teach.html
- **AppInventor Tutorials:** http://appinventor.mit.edu/explore/ai2/tutorials.html
- **Sounds** http://www.soundbible.com
- **App Inventor:** http://appinventor.googlelabs.com/
- **Appinventor.org:** http://www.appinventor.org/
- **Wolber, Abelson et al. text:** http://www.appinventor.org/text2011
- **Group:** http://groups.google.com/group/app-inventor-instructors
- **Wolber course:** http://appinventor.org/course-in-a-box
- **Morelli course:** http://turing.cs.trincoll.edu/~ram/cpsc110/


“We are one society. We are one globe.”
STEVEN CHU
Nobel Prize in Physics 1997
© Nobel Media. Photo: Alexander Mahmoud.

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School of information engineering

Digital Image Processing

THANK YOU

"BE HUMBLE. BE HUNGRY. AND ALWAYS BE THE HARDEST WORKER IN THE ROOM."