

Building Mobile Apps

Session 1

Android App Development camp organized by

YELLOW



Instructors

- *Name*
- *Job / Company*
- *Industry Experience*
- *Something interesting*



Volunteers

- *Name*
- *Job / School*
- *Something interesting*



Building Mobile Apps

- Intro to App Development
- App Inventor Tool
 - <http://appinventor.mit.edu/explore/>
 - *Setup & Testing Prep*



Building Mobile Apps

- App Inventor
 - *Introduction to App Inventor*
 - *Designer & Blocks Editor*
 - *App Development*
 - *App Testing*



Introduction

- Mobile Apps are a popular way to deliver content
 - *Over 175 billion apps were downloaded in 2017.*
 - *Mobile apps generated over \$86 billion*



Introduction

- Average Smartphone User
 - *80 apps on phone*
 - *Uses about 40 apps each month*
 - *Time using apps - about 3 hours a day*



What is the App Inventor Tool?

MIT App Inventor is an intuitive, visual programming environment that allows everyone ... to build fully functional apps for smartphones and tablets.



You Will Need:

- Google Account
- Computer
- Android Device (preferred)
 - *MIT AI2 Companion App installed*
 - *Emulator is available in App Inventor testing, but is not addressed in the class*

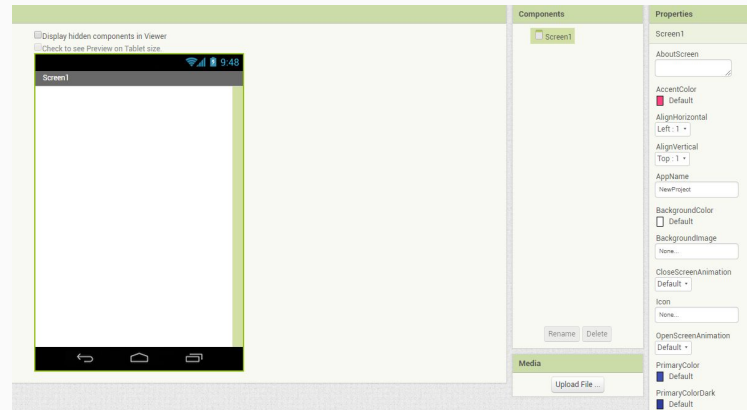


- Access App Inventor
 - *Using your Google Account*
 - *Login to: <http://ai2.appinventor.mit.edu>*



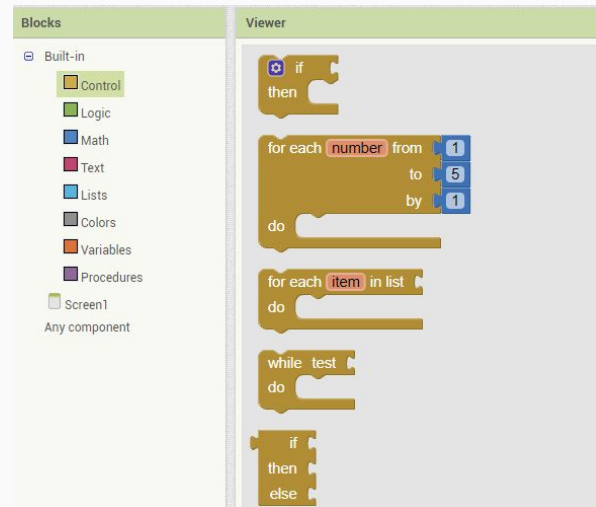
Designer

- *Used for designing how the app will look to the user*
- *The app “user interface”*



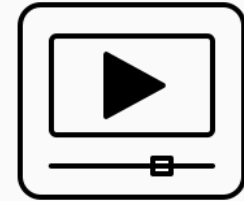
Blocks Editor

- *Used for designing the app behavior*
- *The app “programming”*



An introduction to App Inventor

- https://www.youtube.com/watch?v=nC_x9iOby0g



End of session

- *Time for break*
- *Snacks are served in the Cafeteria*
- *Remember to use restrooms*

