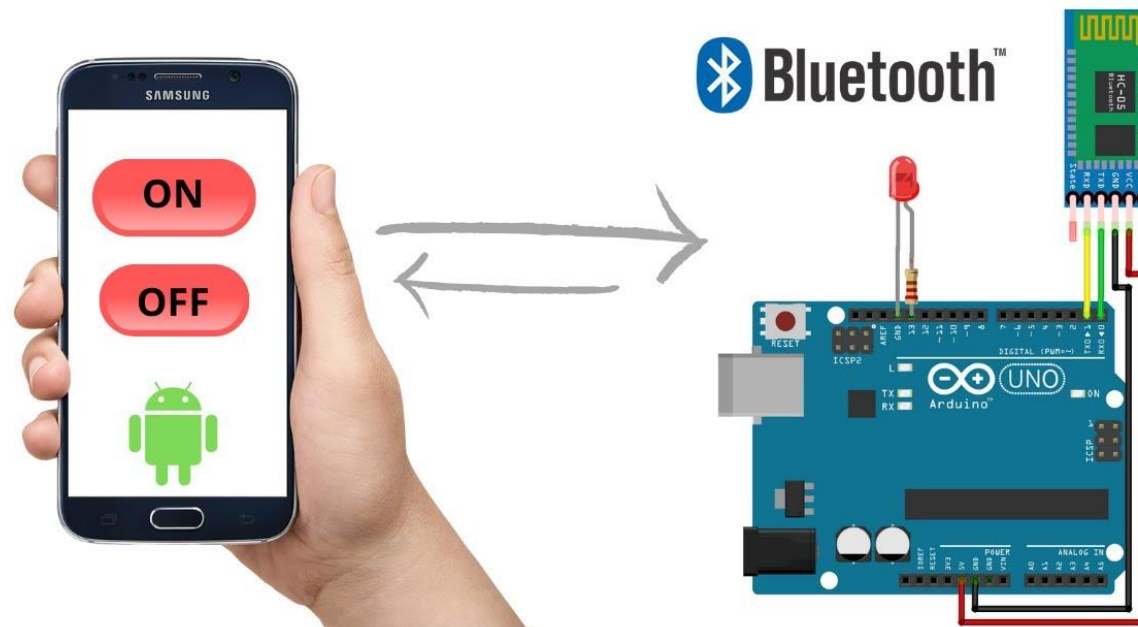


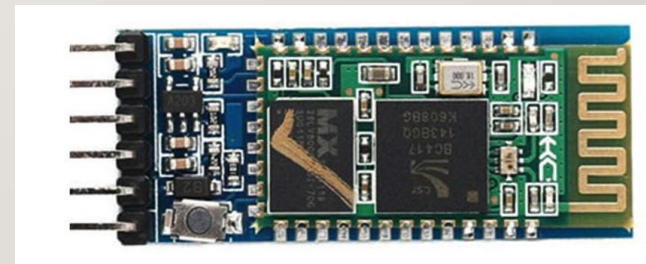
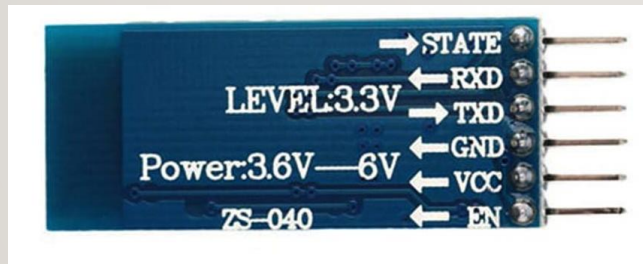
# BLUETOOTH REMOTE CONTROL

---

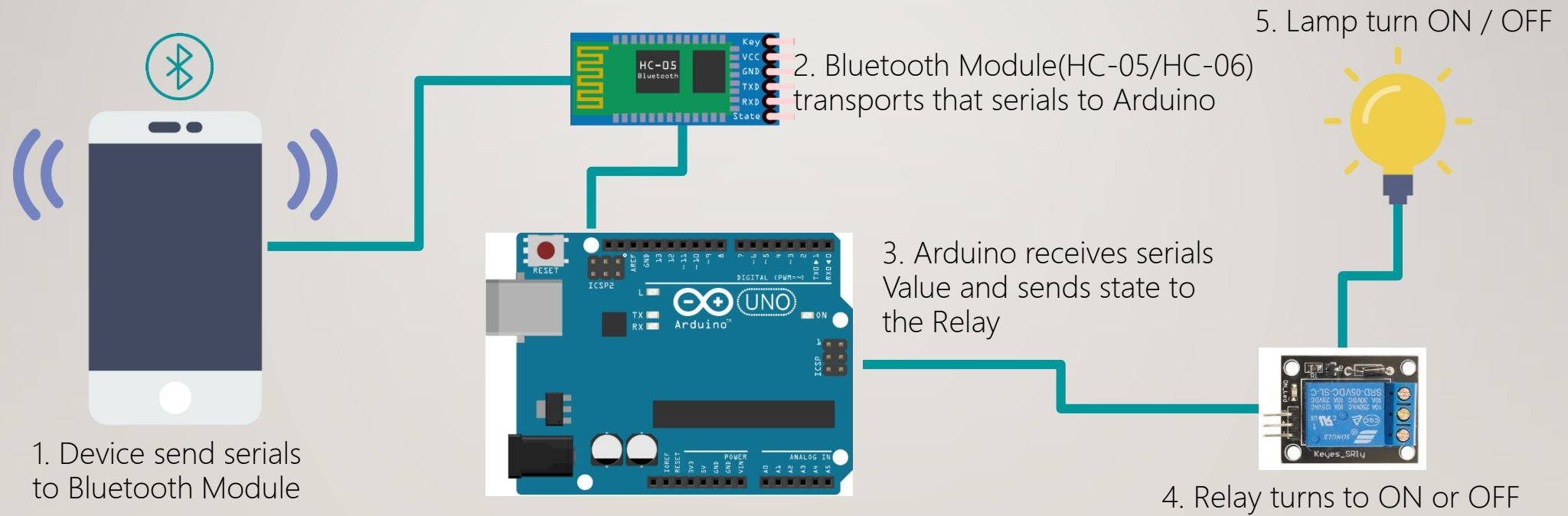


# BLUETOOTH HC06

- HC-06 ជាឧបករណ៍ដែលទទួលទិន្នន័យពី smartphone តាមរយៈ Bluetooth ហើយវាបញ្ជូនបន្តទៅកាន់ Arduino board ហើយ Arduino បញ្ជូនសញ្ញាដើម្បីបញ្ជាទៅកាន់ឧបករណ៍ផ្សេងៗតាមតម្រូវការប្រើប្រាស់។

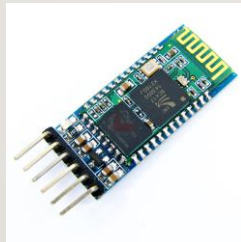
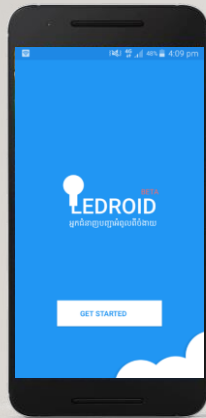


# BLUETOOTH HC06 WORK



# COMPONENTS

---





# INTEGRATED DEVELOPMENT ENVIRONMENT

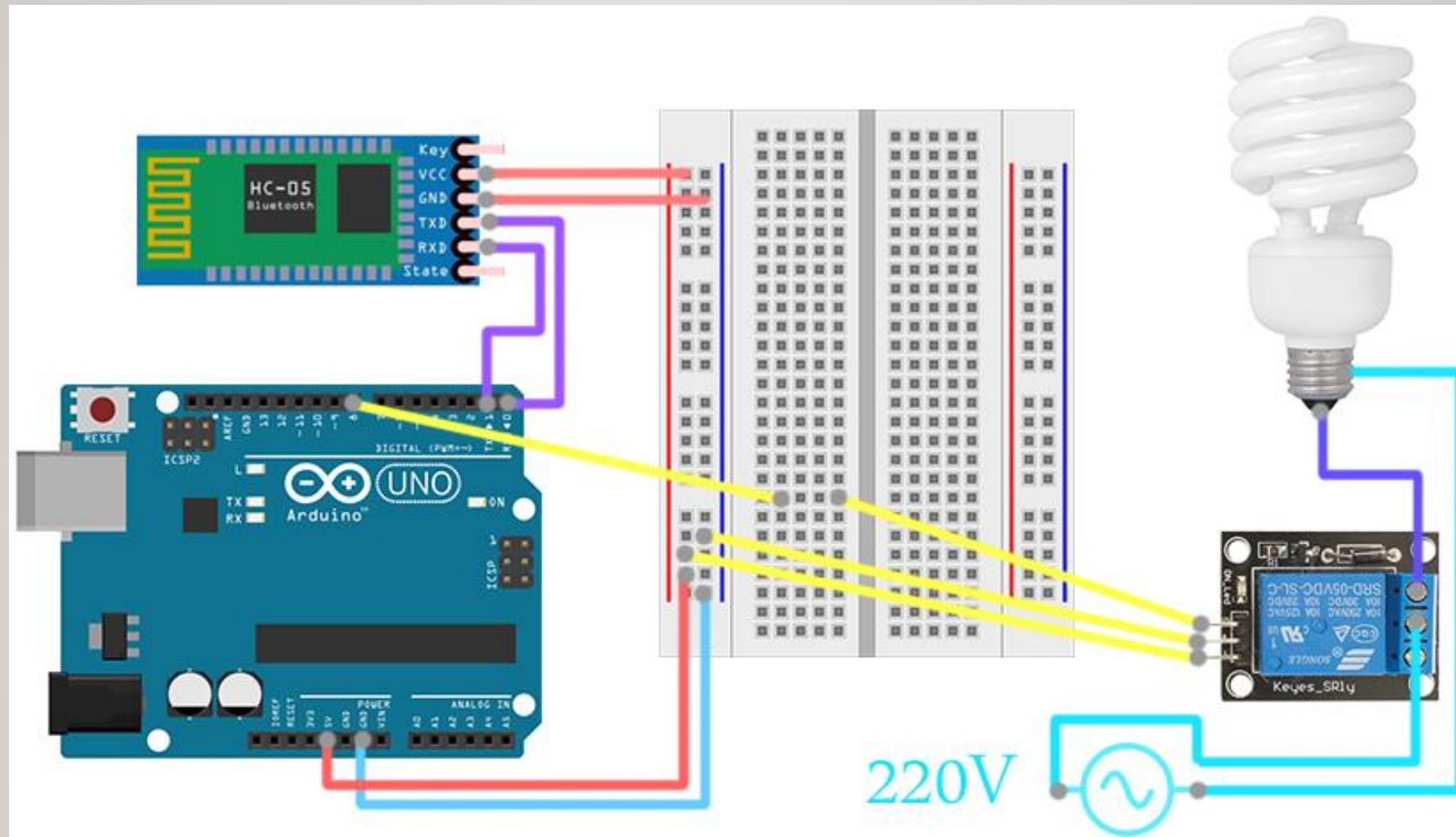
---

Android Studio



Arduino IDE





# APP INVENTOR

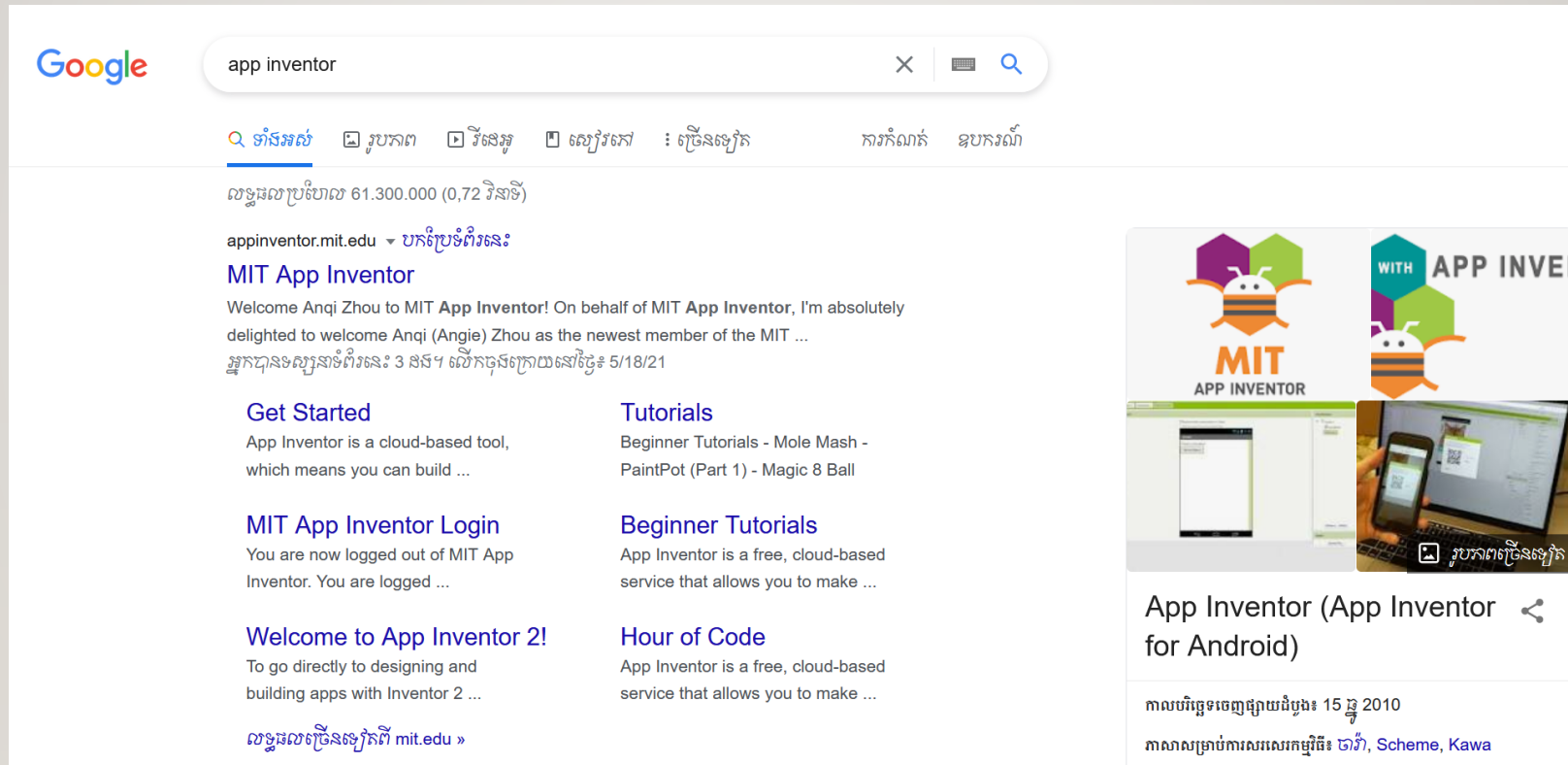
---

- តើ App Inventor ជាអ្វី?

App Inventor គឺជា cloud-base tool ដែលមានន័យថាយើងអាចបង្កើត application តាមរយៈ browser។ វាអនុញ្ញាតឱ្យអ្នកសរសេរកម្មវិធីកុំព្យូទ័រប្រើបង្កើតកម្មវិធីជាមួយនឹងប្រព័ន្ធប្រតិបត្តិការ Android (OS) សំរាប់ប្រើប្រាស់នៅលើ Smart Phone ។



# HOW TO START AND CREATE PROJECT



The screenshot shows a Google search for "app inventor". The search bar at the top contains "app inventor" with a search icon on the right. Below the search bar, there are navigation links in Khmer: "ទំព័រគំរូ" (Template page), "រូបភាព" (Image), "វីដេអូ" (Video), "សៀវភៅ" (Book), "ច្រើនប្រភេទ" (More types), "ការកំណត់" (Settings), and "ឧបករណ៍" (Tools). The search results for "app inventor" are displayed below, showing a total of 61,300,000 results (0.72 seconds). The first result is from "appinventor.mit.edu" with the title "MIT App Inventor". The snippet reads: "Welcome Anqi Zhou to MIT App Inventor! On behalf of MIT App Inventor, I'm absolutely delighted to welcome Anqi (Angie) Zhou as the newest member of the MIT ... អ្នកបង្កើតកម្មវិធី: 3 ឆ្នាំ ចុះកាលបរិច្ឆេទ: 5/18/21". Below the snippet are links for "Get Started", "MIT App Inventor Login", "Welcome to App Inventor 2!", "Tutorials", "Beginner Tutorials", and "Hour of Code". To the right of the search results is a large image showing the MIT App Inventor logo and a person using a smartphone. Below the image is the title "App Inventor (App Inventor for Android)" and a share icon. At the bottom of the image, there is text in Khmer: "កាលបរិច្ឆេទចេញផ្សាយដំបូង: 15 ធ្នូ 2010" and "កាលបរិច្ឆេទចេញផ្សាយដំបូង: 15 ធ្នូ 2010" (Note: the text in the image is repeated).

Google

app inventor

ទំព័រគំរូ រូបភាព វីដេអូ សៀវភៅ ច្រើនប្រភេទ ការកំណត់ ឧបករណ៍

លទ្ធផលស្វែងរក 61.300.000 (0,72 វិនាទី)

appinventor.mit.edu ▾ បកប្រែទំព័រនេះ

**MIT App Inventor**

Welcome Anqi Zhou to MIT App Inventor! On behalf of MIT App Inventor, I'm absolutely delighted to welcome Anqi (Angie) Zhou as the newest member of the MIT ...  
អ្នកបង្កើតកម្មវិធី: 3 ឆ្នាំ ចុះកាលបរិច្ឆេទ: 5/18/21

**Get Started**  
App Inventor is a cloud-based tool, which means you can build ...

**MIT App Inventor Login**  
You are now logged out of MIT App Inventor. You are logged ...

**Welcome to App Inventor 2!**  
To go directly to designing and building apps with Inventor 2 ...

លទ្ធផលស្វែងរកពី mit.edu »

**Tutorials**  
Beginner Tutorials - Mole Mash - PaintPot (Part 1) - Magic 8 Ball

**Beginner Tutorials**  
App Inventor is a free, cloud-based service that allows you to make ...

**Hour of Code**  
App Inventor is a free, cloud-based service that allows you to make ...

**App Inventor (App Inventor for Android)**

កាលបរិច្ឆេទចេញផ្សាយដំបូង: 15 ធ្នូ 2010  
កាលបរិច្ឆេទចេញផ្សាយដំបូង: 15 ធ្នូ 2010





## TestApp

Screen1 ▾ Add Screen ... Remove Screen Publish to Gallery

Designer Blocks

## Palette

Search Components...

## User Interface

- Button ?
- CheckBox ?
- DatePicker ?
- Image ?
- Label ?
- ListPicker ?
- ListView ?
- Notifier ?
- PasswordTextBox ?
- Slider ?
- Spinner ?
- Switch ?
- TextBox ?
- TimePicker ?
- WebView ?

## Layout

## Media

## Drawing and Animation

## Maps

## Sensors

## Social

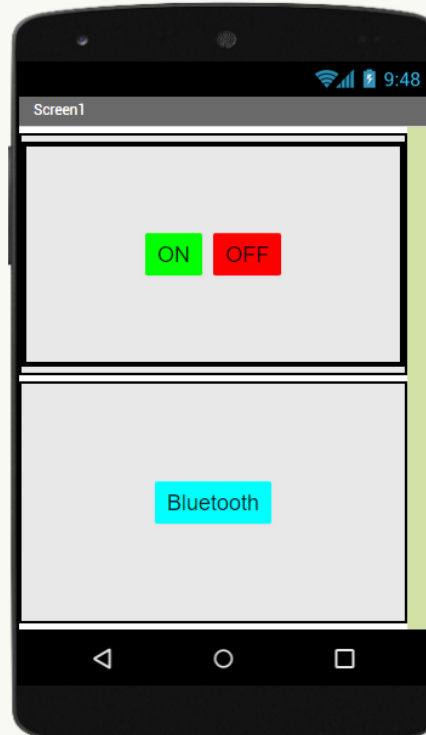
## Storage

## Connectivity

## Viewer

☐ Display hidden components in Viewer

Phone size (505,320) ▾



## Non-visible components

BluetoothClient1 Notifier1

## Components

- Screen1
  - VerticalArrangement1
    - HorizontalScrollArrang
      - HorizontalArrangen
        - ON
        - OFF
  - HorizontalArrangement2
    - Bluetooth
  - BluetoothClient1
  - Notifier1

## Media

Upload File ...

## Properties

## Screen1

- AboutScreen
- AccentColor
  - Default
- AlignHorizontal
  - Left : 1 ▾
- AlignVertical
  - Top : 1 ▾
- AppName
  - TestApp
- BackgroundColor
  - Default
- BackgroundImage
  - None...
- BlocksToolkit
  - All ▾
- CloseScreenAnimation
  - Default ▾
- Icon
  - None...
- OpenScreenAnimation
  - Default ▾
- PrimaryColor
  - Default
- PrimaryColorDark
  - Default
- ScreenOrientation
  - Unspecified ▾
- Scrollable
  - ☐
- ShowListsAsJson
  - ☒



## TestApp

Screen1 • Add Screen ... Remove Screen Publish to Gallery

Designer Blocks

### Blocks

- Text
- Lists
- Dictionaries
- Colors
- Variables
- Procedures

### Screen1

#### VerticalArrangement1

#### HorizontalScrollArr...

#### HorizontalArrang...

#### ON

#### OFF

#### HorizontalArrangemer

#### Bluetooth

#### BluetoothClient1

#### Notifier1

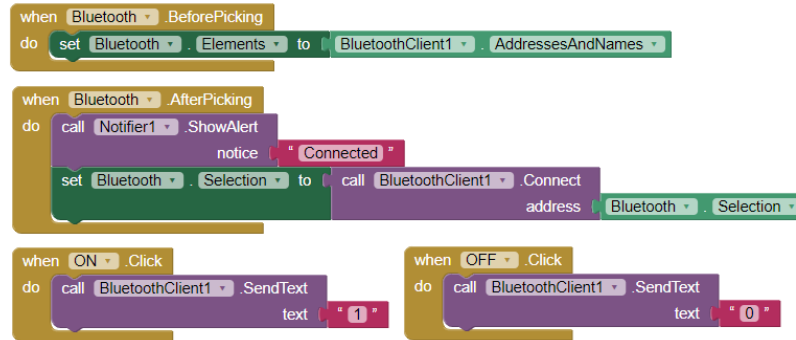
### Any component

Rename Delete

### Media

Upload File ...

### Viewer



0 0



code.bluetooth | Arduino 1.6.12

File Edit Sketch Tools Help



code.bluetooth

```
String value;
void setup() {
  Serial.begin(9600);
  pinMode(13,OUTPUT);
}
void loop() {
  if(Serial.available()) //check whether data is coming from serial port
  {
    value=Serial.readString(); // read string and store it in value;
  }
  if(value=="1")
    digitalWrite(13,1);
  if(value=="0")
    digitalWrite(13,0);
}
```