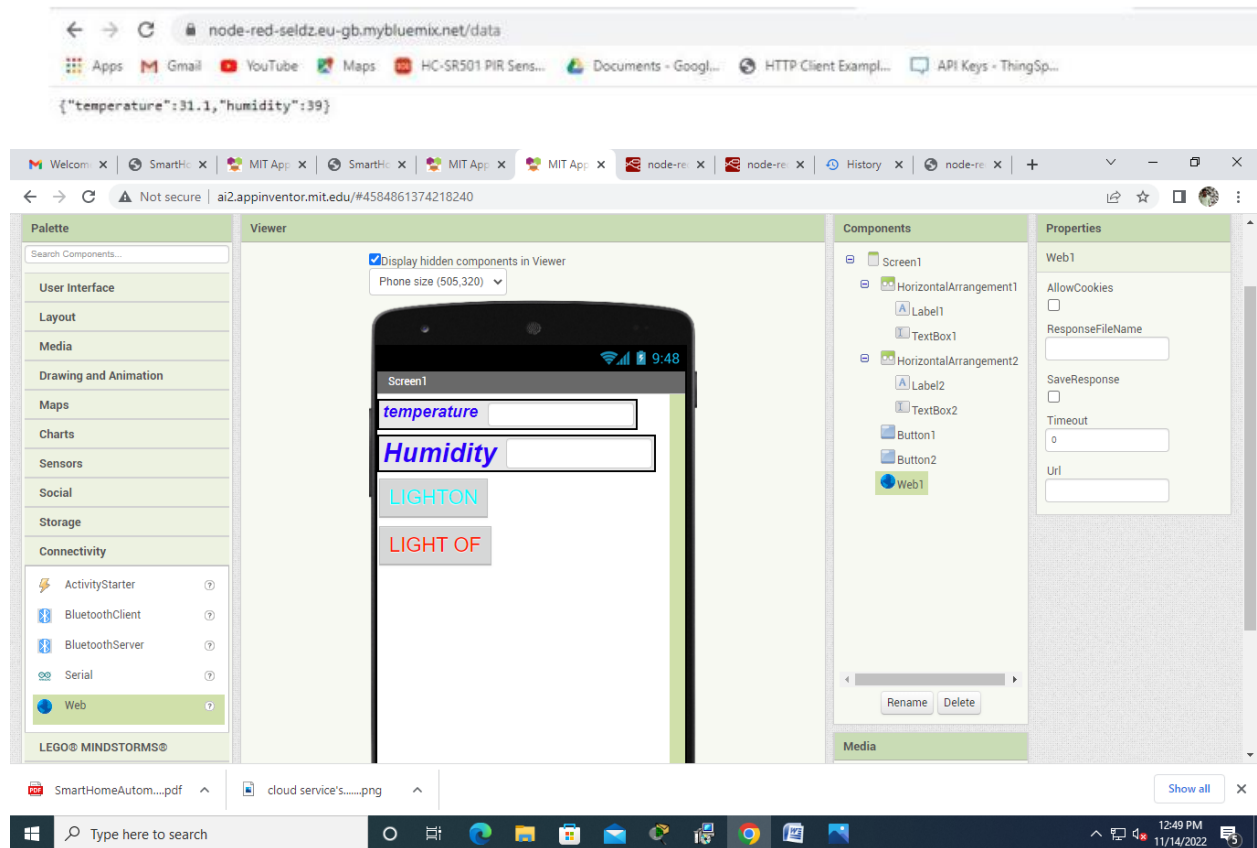
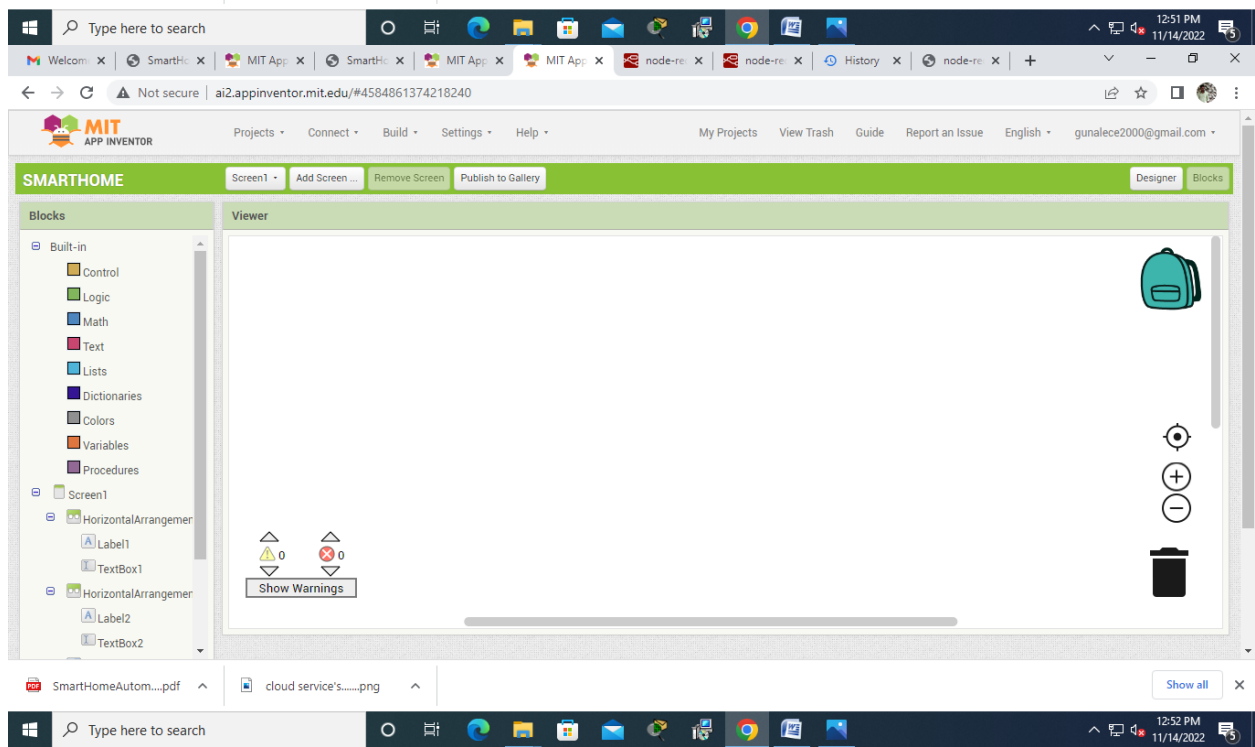
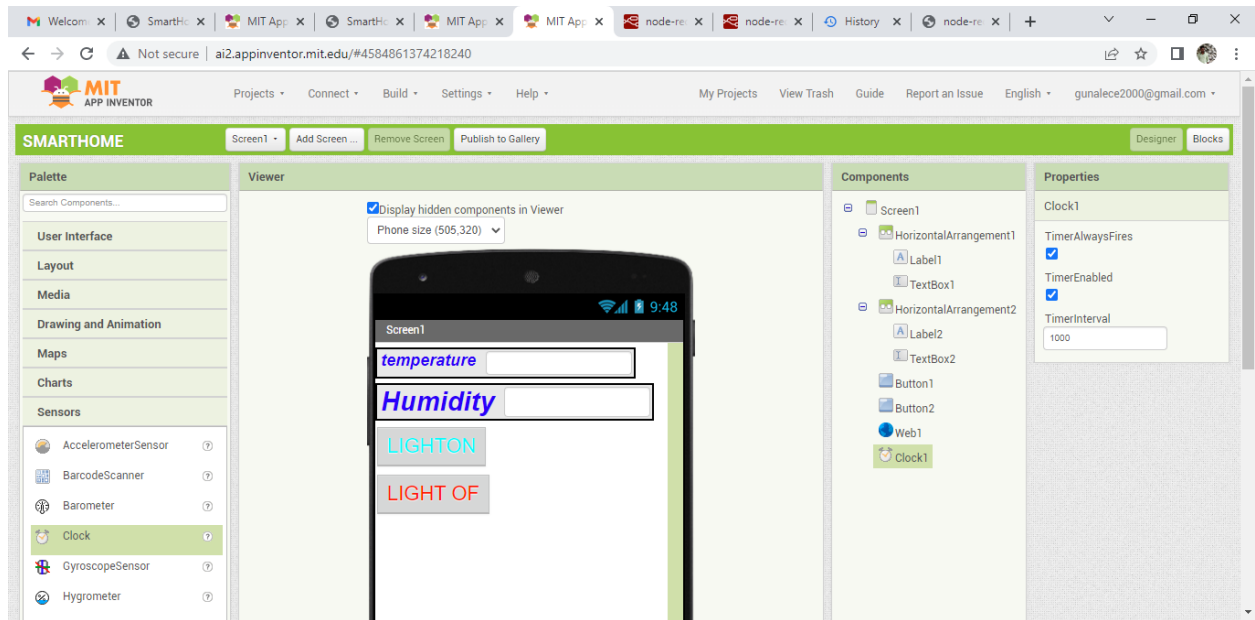


## BUILDIN THE MOBILE APP

### 2.CONFIGURE THE APPLICATION TO RECEIVE THE DATA FROM CLOUD





MIT APP INVENTOR

Projects Connect Build Settings Help

My Projects View Trash Guide Report an Issue English gunalece2000@gmail.com

SMARTHOME Screen1 Add Screen Remove Screen Publish to Gallery Designer Blocks

Blocks

- Lists
- Dictionaries
- Colors
- Variables
- Procedures
- Screen1
  - HorizontalArranger
    - Label1
    - TextBox1
  - HorizontalArranger
    - Label2
    - TextBox2
  - Button1
  - Button2
  - Web1
  - Clock1
- Any component

Viewer

when Clock1 Timer

do

Show Warnings

0 0

SmartHomeAutom....pdf cloud service's....png Show all

Type here to search

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SMARTHOME Screen1 Add Screen Remove Screen Publish to Gallery Designer Blocks

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  - HorizontalArranger
    - Label2
    - TextBox2
  - Button1
  - Button2
  - Web1
  - Clock1
- Any component

Viewer

when Clock1 Timer

do

set Clock1 TimerInterval to

Show Warnings

0 1

Media

Rename Delete

SmartHomeAutom....pdf cloud service's....png Show all

Type here to search

Web browser tabs: Welcome, SmartHome, MIT App, SmartHome, MIT App, MIT App, node-re, node-re, History, node-re.

Address bar: Not secure | ai2.appinventor.mit.edu/#4584861374218240

**Blocks**

- Lists
- Dictionaries
- Colors
- Variables
- Procedures
- Screen1
  - HorizontalArranger
    - Label1
    - TextBox1
  - HorizontalArranger
    - Label2
    - TextBox2
  - Button1
  - Button2
  - Web1
  - Clock1
- Any component

**Viewer**

when Clock1 Timer

do set Clock1 TimerInterval to

0 1

Show Warnings

Media

SmartHomeAutom....pdf cloud service's....png

Windows taskbar: Type here to search | 12:55 PM 11/14/2022

Web browser tabs: Welcome, SmartHome, MIT App, SmartHome, MIT App, MIT App, MIT App, node-re, node-re, History, node-re.

Address bar: Not secure | ai2.appinventor.mit.edu/#4584861374218240

**Blocks**

- Built-in
  - Control
  - Logic
  - Math
  - Text
  - Lists
  - Dictionaries
  - Colors
  - Variables
  - Procedures
- Screen1
  - HorizontalArranger
    - Label1
    - TextBox1
  - HorizontalArranger
    - Label2
    - TextBox2

**Viewer**

when Clock1 Timer

do set Web1 Url to

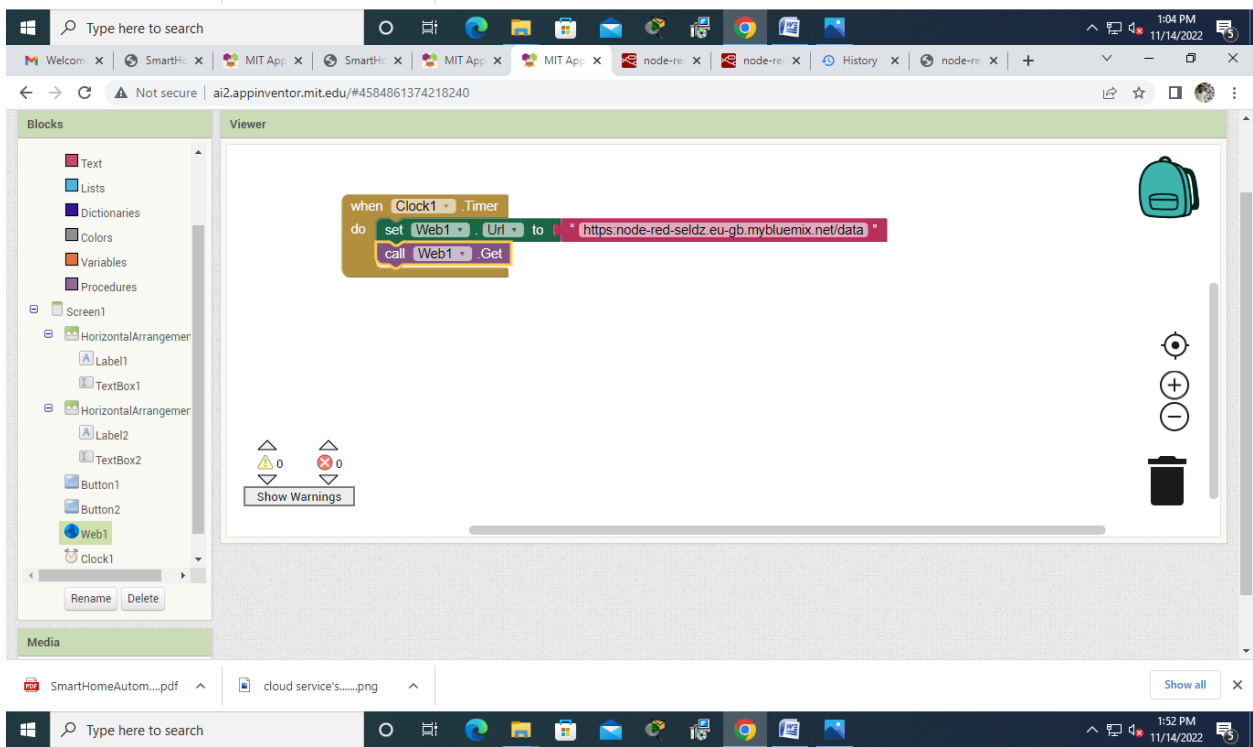
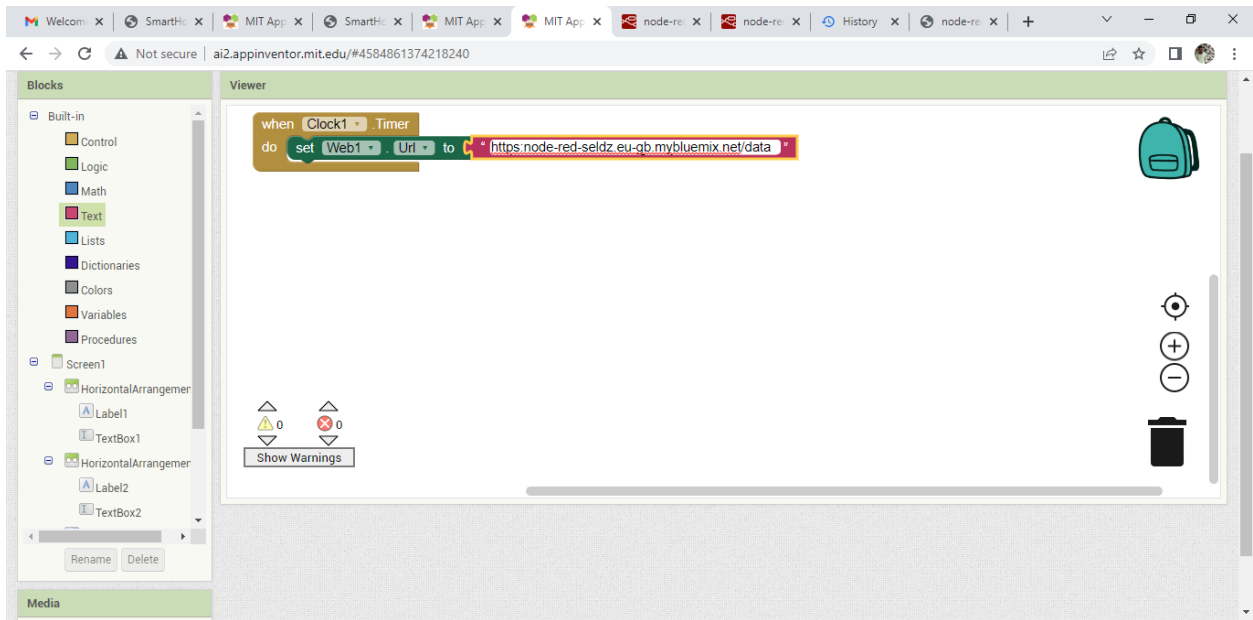
0 0

Show Warnings

Media

SmartHomeAutom....pdf cloud service's....png

Windows taskbar: Type here to search | 1:02 PM 11/14/2022



MIT APP INVENTOR interface showing a project named "SMARTHOME". The interface includes a "Blocks" panel on the left with categories like Text, Lists, Dictionaries, Colors, Variables, and Procedures. The "Viewer" panel on the right displays a Scratch-style script editor with the following code:

```
when Clock1 - Timer
do
  set Web1 - Url to "https://node-red-seldz.eu-gb.mybluemix.net/data"
  call Web1 - Get

when Web1 - GotText
  url responseCode responseType responseContent
do
  set TextBox1 - Text to look up in pairs key
  pairs call Web1 - JsonTextDecode
  jsonText get responseContent
  notFound "not found"
```

The "Show Warnings" button indicates 1 warning and 1 error.

MIT APP INVENTOR interface showing the same project "SMARTHOME". The "Viewer" panel displays the same code as above, but the "Show Warnings" button now indicates 0 warnings and 0 errors.

MIT APP INVENTOR

SMARTHOME

Screen1 Add Screen Remove Screen Publish to Gallery Designer Blocks

Blocks

Built-in

- Control
- Logic
- Math
- Text
- Lists
- Dictionaries
- Colors
- Variables
- Procedures
- Screen1
  - HorizontalArrangement1
    - Label1
    - TextBox1
  - HorizontalArrangement2
    - Label2
    - TextBox2

Viewer

when Clock1 Timer

do

- set Web1 Uri to "https://node-red-seldz.eu-gb.mybluemix.net/data"
- call Web1 Get

when Web1 GotText

url responseCode responseType responseContent

do

- set TextBox1 Text to look up in pairs key Temperature pairs call Web1 JsonTextDecode jsonText get responseContent
- set TextBox2 Text to look up in pairs key Humidity pairs call Web1 JsonTextDecode jsonText get responseContent

Show Warnings

SmartHomeAutom....pdf cloud service's.....png

Type here to search

2:23 PM 11/14/2022