

App Inventor 2

MIT App Inventor Android App

- App Inventor 2
 - App Inventor 2
 - App Inventor
 - -1
 - App Inventor 2
 - App Inventor 2 BMI
 - App Inventor 2 (TinyDB)
 - App Inventor 2 (List) (ListPicker)
- App Inventor 2
 - MEmu
- App Inventor
 -
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App Inventor 2

App Inventor 2

App Inventor 2

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App Inventor Google Android (Beta) Google

App Inventor (Blockly)

App Inventor Android Android App Inventor

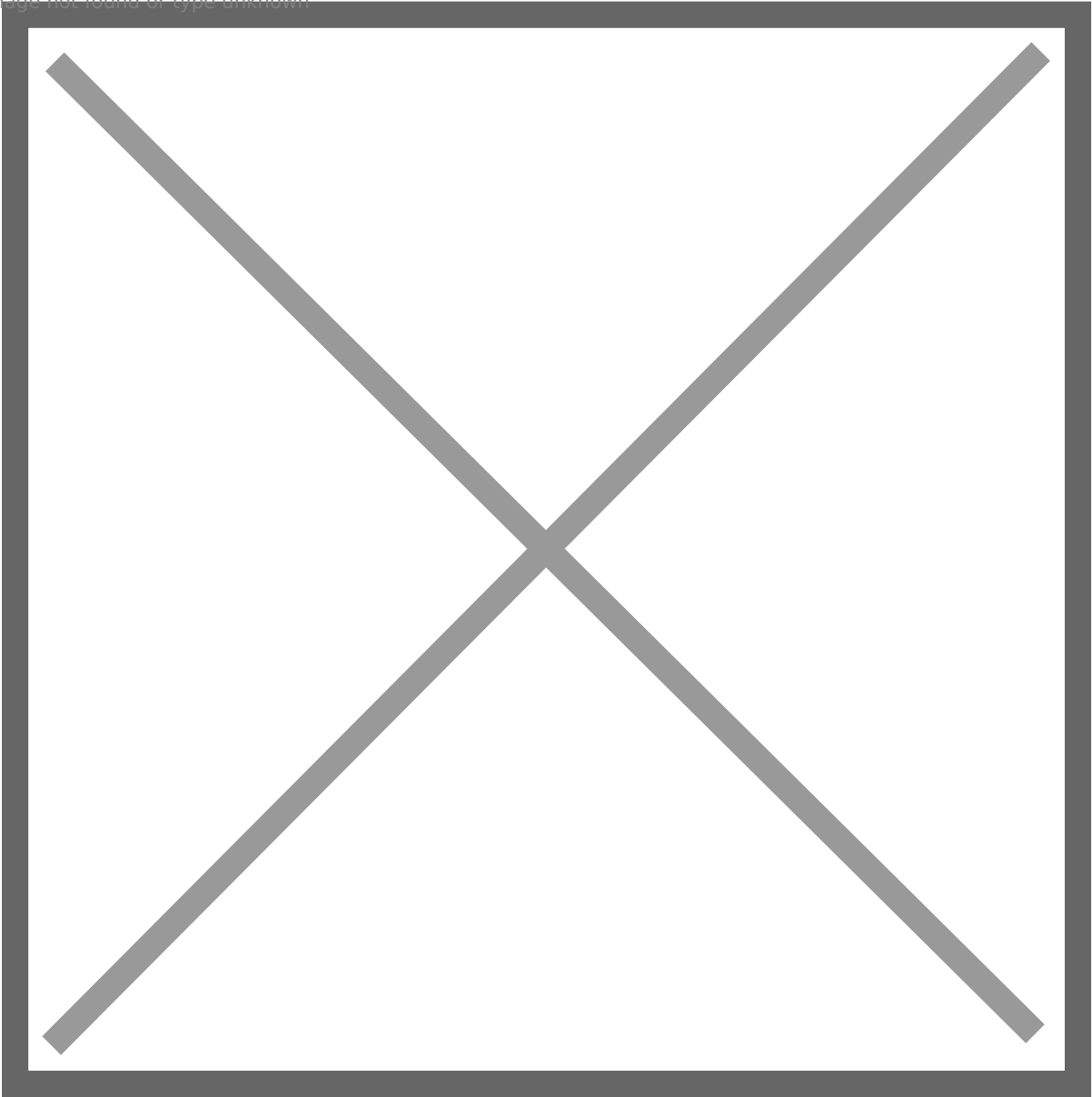
- <http://ai2.appinventor.mit.edu/> Chrome
- server AI2 server
- Windows
- Google Play

MIT AI 2 Companion

App Inventor WiFi USB

MIT AI 2 Companion APP

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App Inventor 2

App Inventor

App Inventor

1. Chrome [App Inventor](#) Google App Inventor Allow

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accept ...

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2. App Inventor

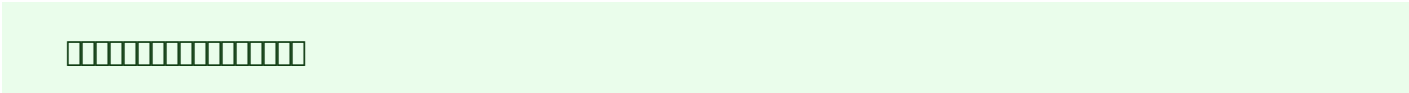
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3.

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app1 android1 myFirstApp ...

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4. App Inventor

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()

1



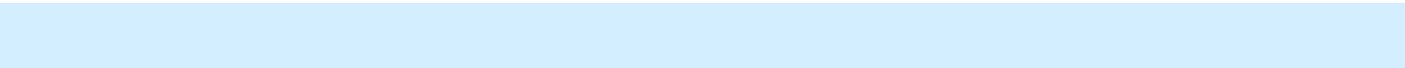
- 1. Click Me!
- 2. 24
- 3.
- 4. 1 →
- 5. 1 → 1
- 6. → " " 1 → Hello world !
- 7.
- 8.



App Inventor

- 1. AI APP
- 2.
- 3. USB
- 4. QR code
- 5. apk

(→Public→App Inventor 2)

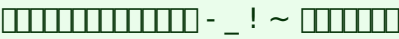
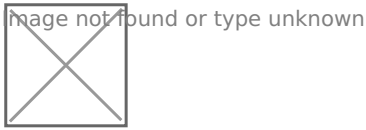




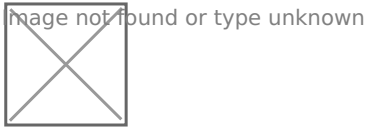
1. 1 1

2. 

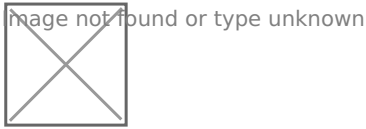
3. 



4. 1 



5. 

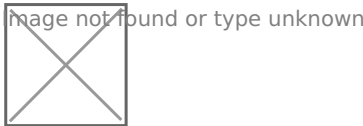


6. 

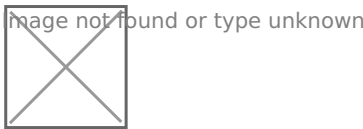
7. 

8. Image not found or type unknown()

App Inventor 2



() ... (if~then)



```
1"12345678"  
" \n"
```

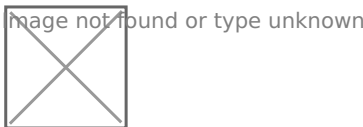
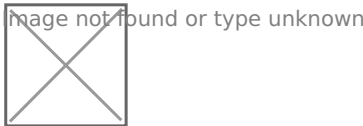


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□□3□□□□□□□□60~100□□□□“□”□□□□“□□”□□□100□□□0□□□“□□□”



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□□□□□□□□0~100□□□□□□□□□□

□□□□□□□□



90□□□□

80□□□□

70□□□□□

60

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App Inventor



```
bool(Boolean, bool)(True)(False)
```

□□□□□□/□□□□□□AND□□□□□□OR□□□□



App Inventor 2 BMI



BMI BMI=

$$BMI = \frac{\text{Weight (KG)}}{\text{Height (M)}^2}$$



BMI

BMI < 18.5	
18.5 ≤ BMI < 24	
24 ≤ BMI < 27	
BMI ≥ 27	



[app_bmi.aia](#) App Inventor



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□□□□□□ □□(height)□□□(weight)□BMI

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□□□□□1.□□□□□□□□□□□□□□□□

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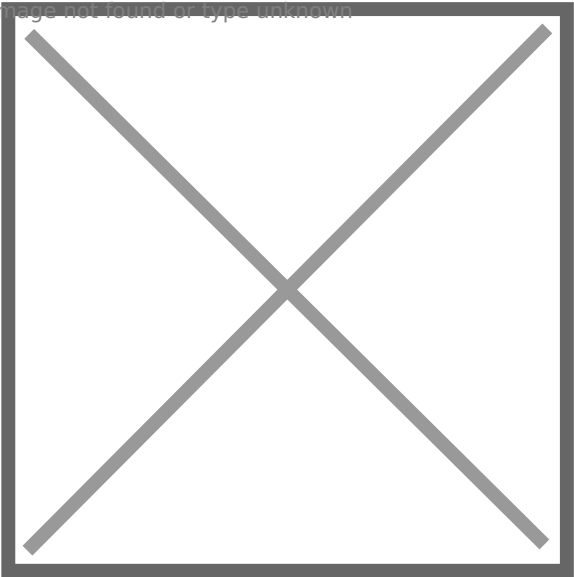
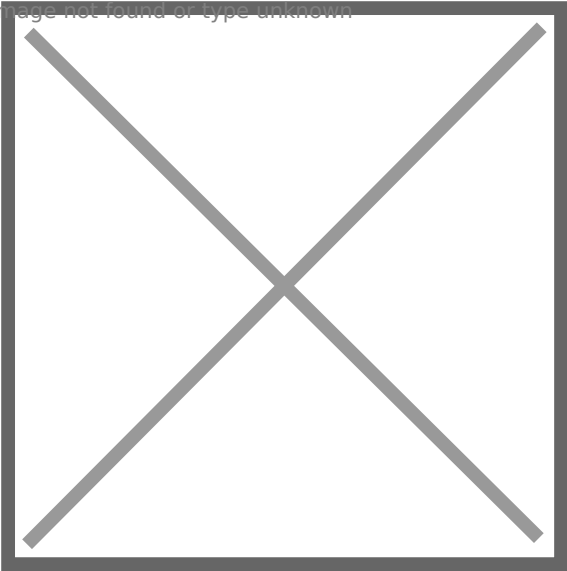


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App Inventor 2(TinyD

TinyDB

App Inventor APP TinyDB

TinyDb (Method) (Properties) Events SQL key

tag

TinyDB TinyDB Android

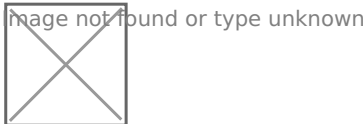


(Method)

1.



2.??



3.



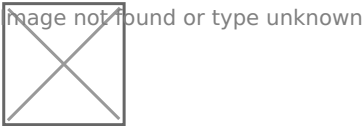
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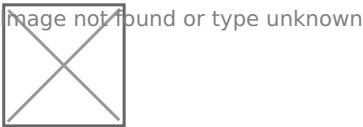
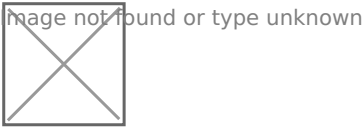
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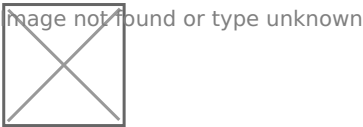
2. Screen1. APP1



1.



2. MIT AI2 Companion



App Inventor 2

(List) (ListPicker)

(List)

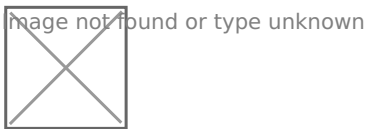
a1a2a3...

(Array)

App Inventor (List)



()



(Index)App Inventor 1

1.

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100

2.

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□□□□□□□□(□□□1)□□□□□□60□□□□□□



1

[illegible]

3.

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4.

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5.

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Diagram illustrating a sequence of 8 empty boxes followed by an equals sign and a greater-than sign, then another sequence of 8 empty boxes.

[illegible]

7.

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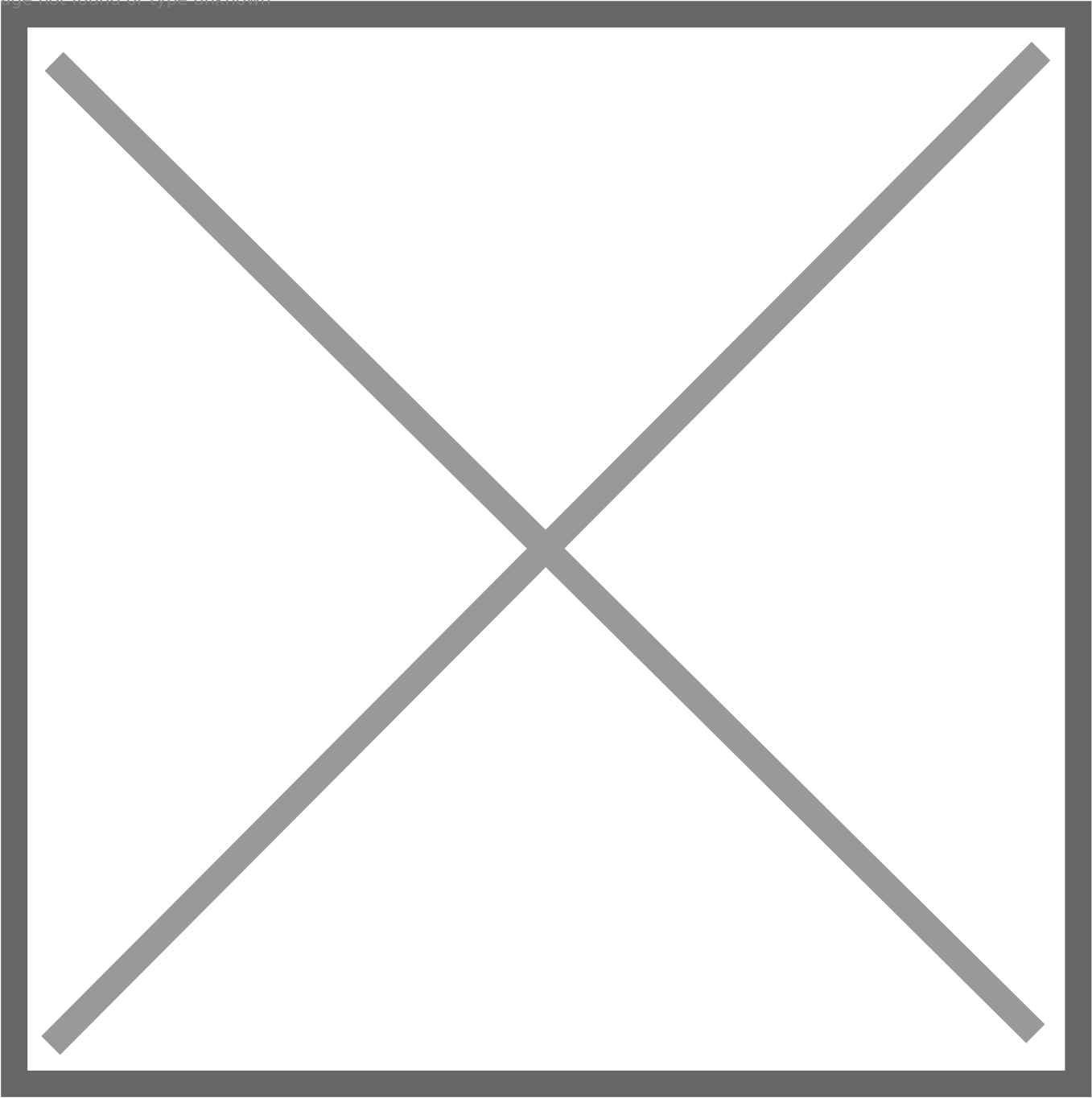
APP

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App Inventor 2

MEmu

Android

Android()VirtualBoxVMware...

- BlueStacks<https://www.bluestacks.com/tw/>
- Genymotion<https://www.genymotion.com>
- MEmu(<https://tw.memuplay.com>)
- Nox Player (<https://tw.bignox.com>)
- Andy<https://www.andyroid.net>
- <https://www.ldplayer.tw>

MEmu

- <https://tw.memuplay.com>
- (1023MB)

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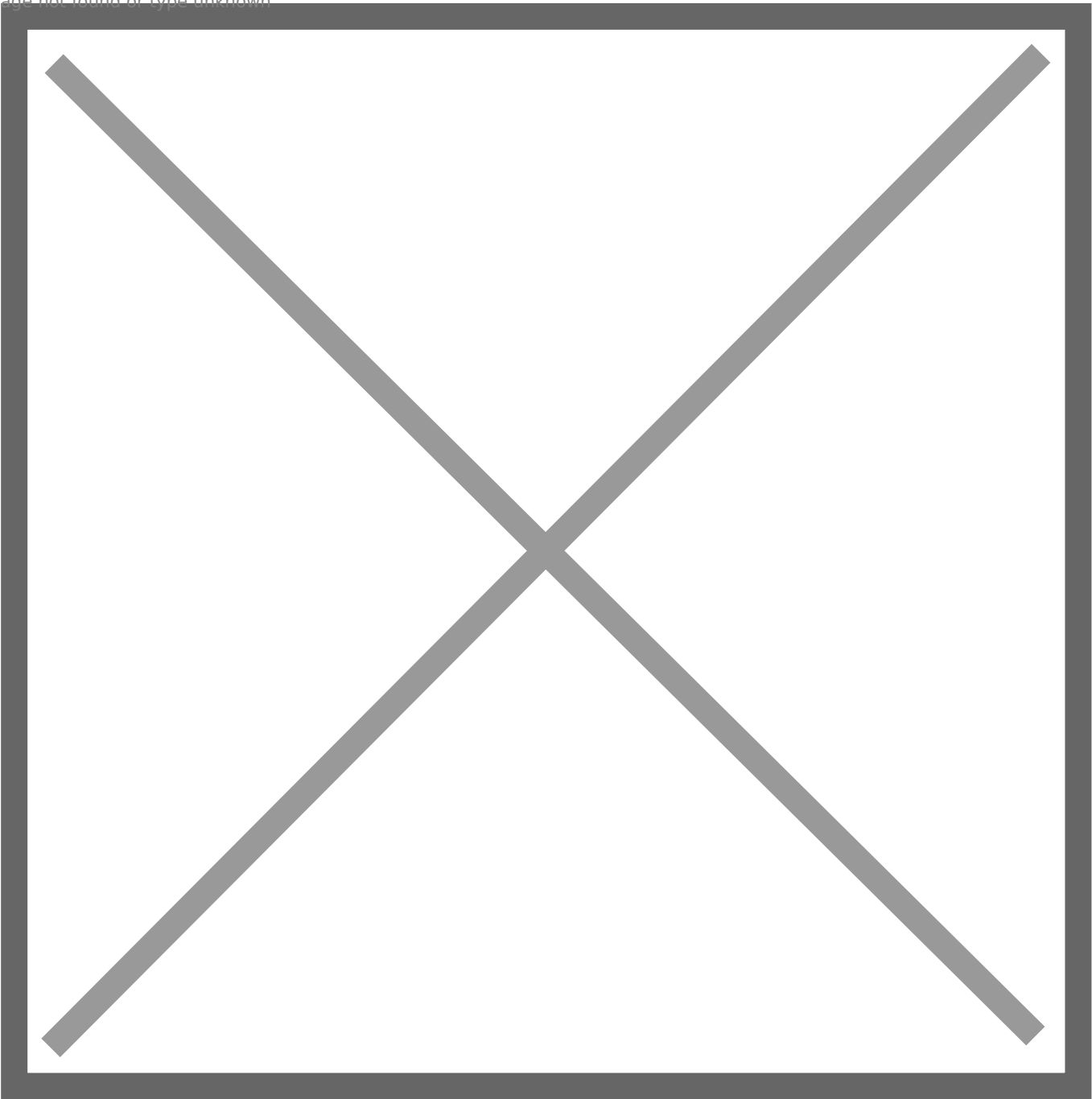


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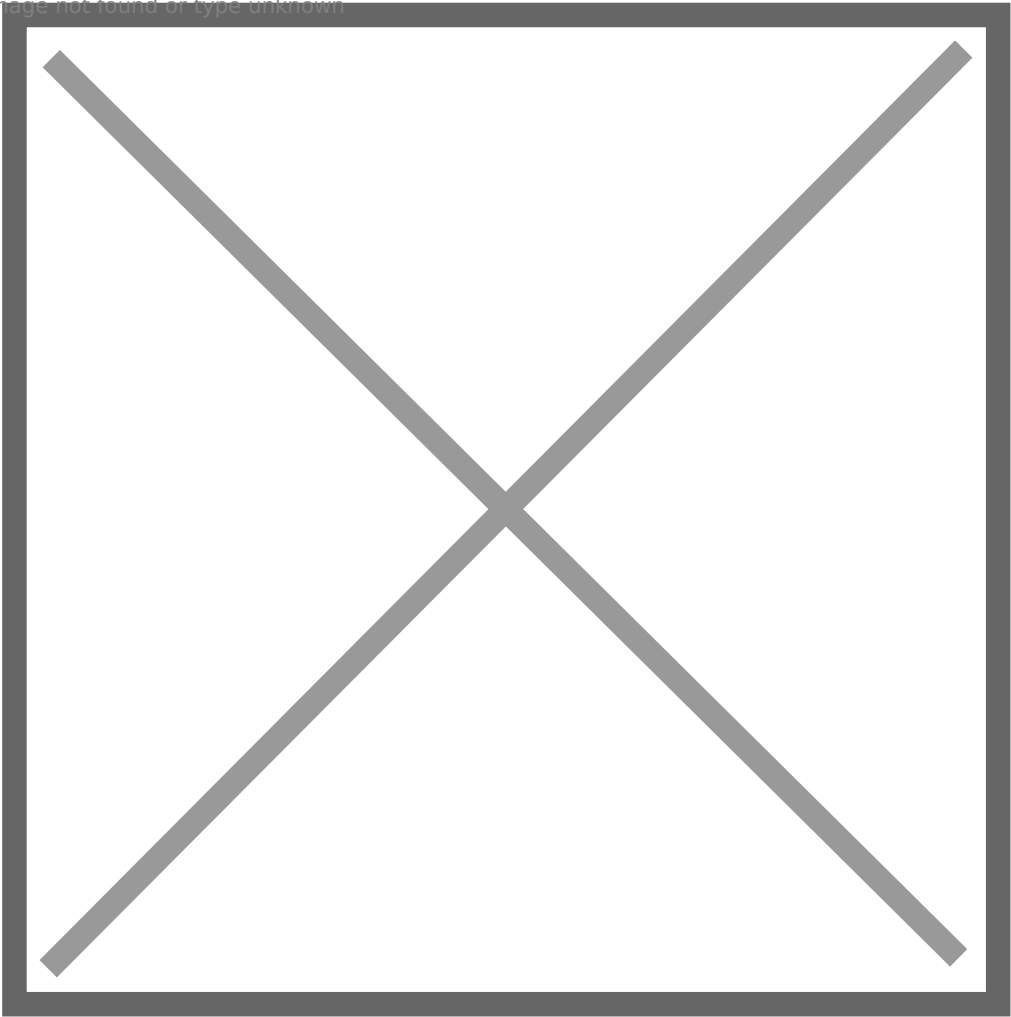
[MIT AI2 Companion](#) apk



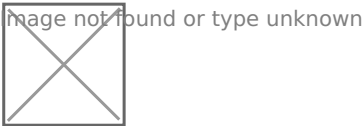
APP



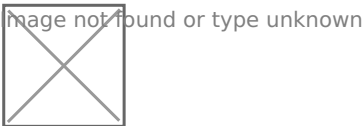
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App Inventor → AI Companion

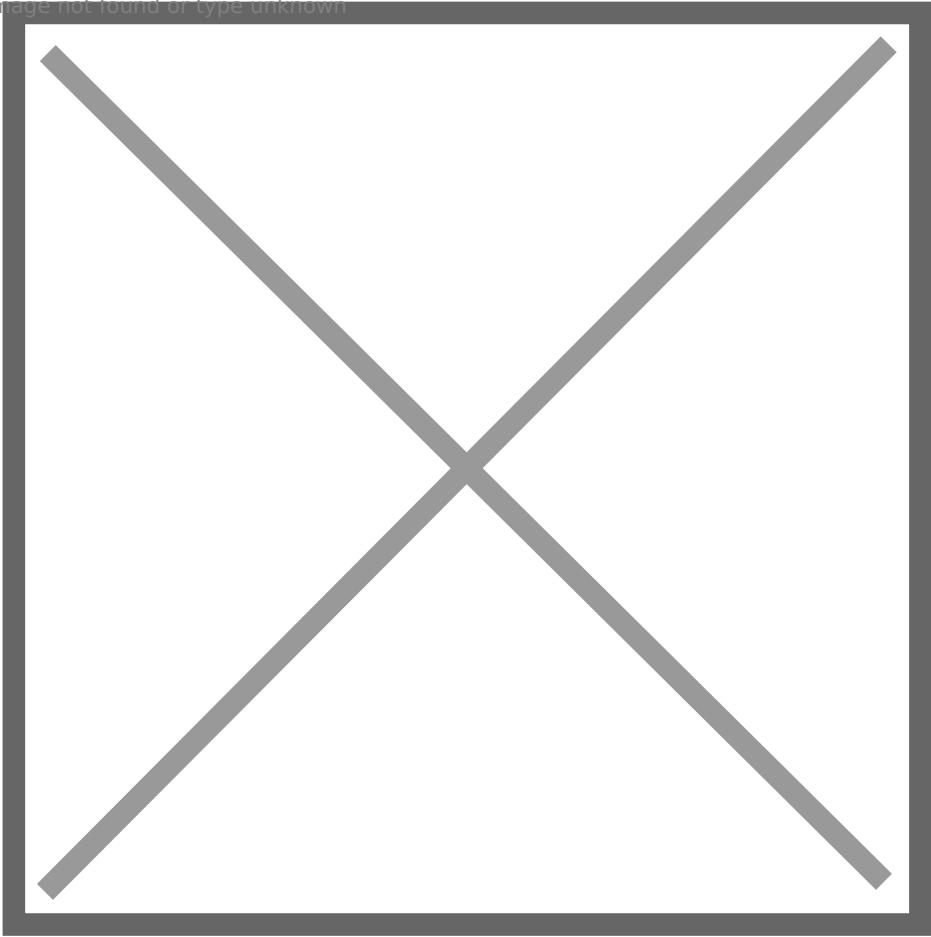


QR code scan QR code

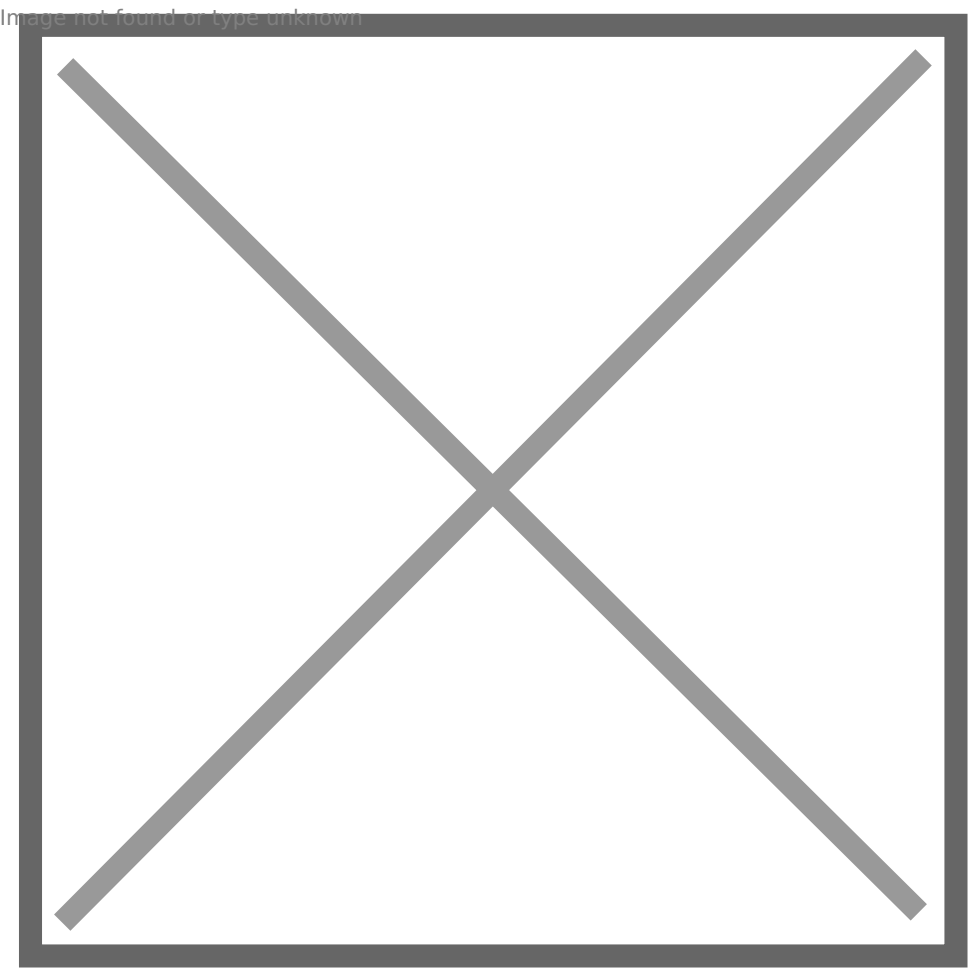


Connect with code

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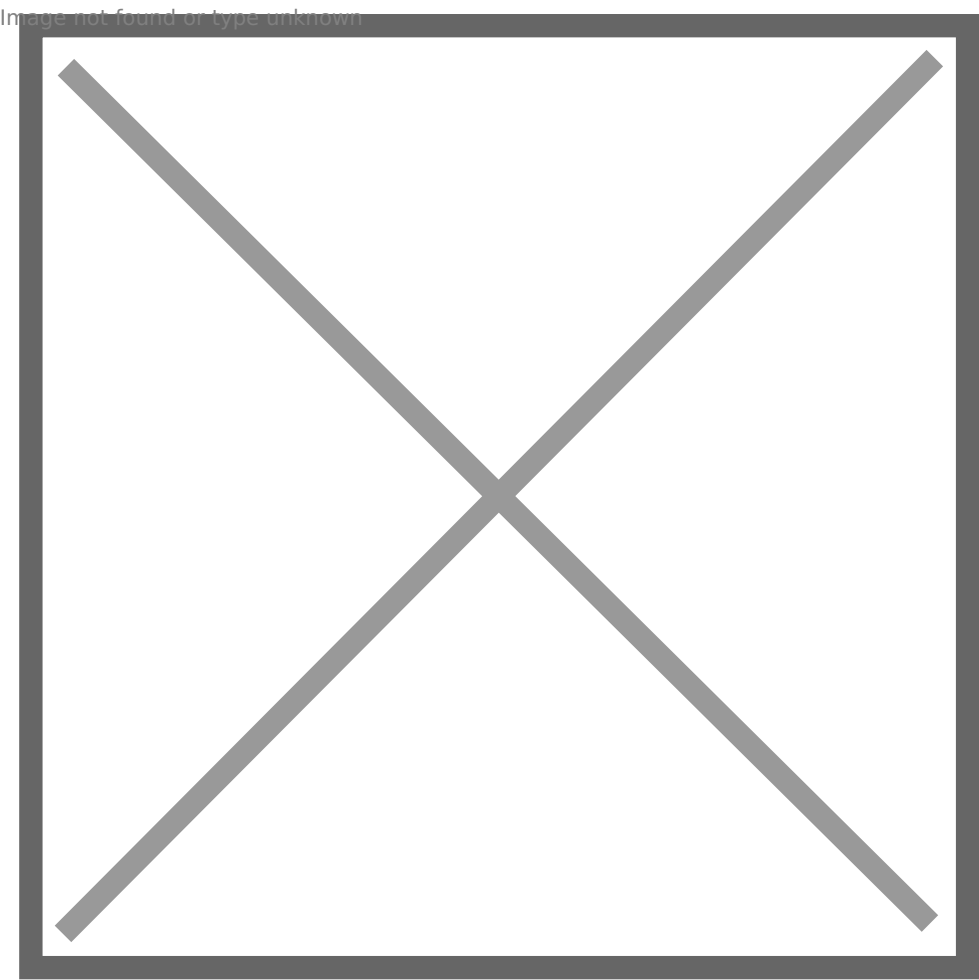
Android



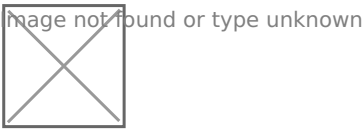
MIT AI 2 Companion

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AI 2 Companion MIT AI 2 Companion



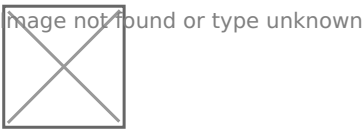
App Inventor →



AI 2 Companion

AI 2 Companion App Inventor apk

App Inventor apk → apk




apk

apk

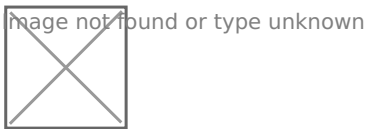
apk

????????APP????????APP???????



App Inventor 

App Inventor



()PDF



- App Inventor 2
- App Inventor 2
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- Google [draw.io](#)
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()

2~3 5MB



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App Inventor

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App Inventor



APP

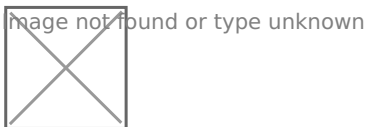
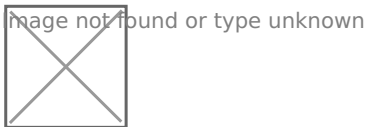
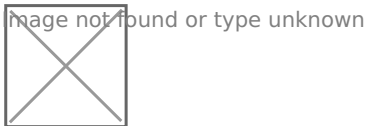




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