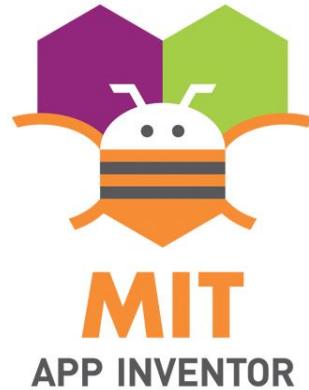
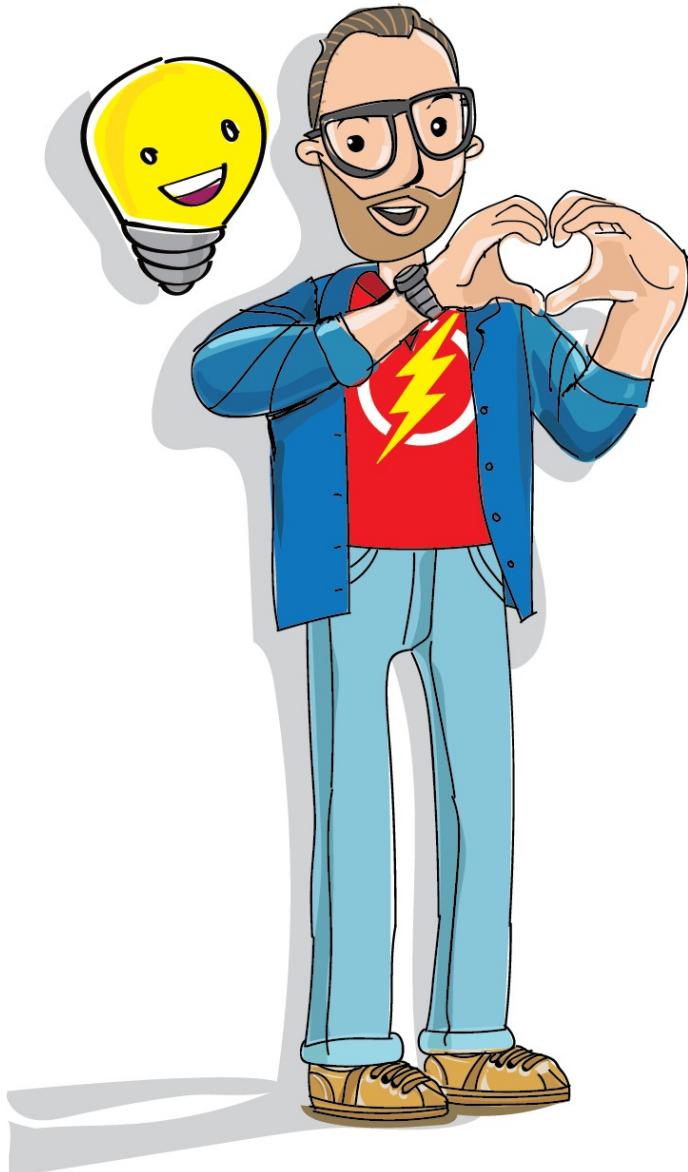




App Inventor

Desenvolvendo aplicativos android

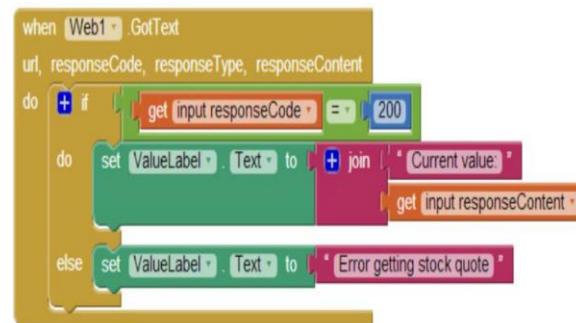
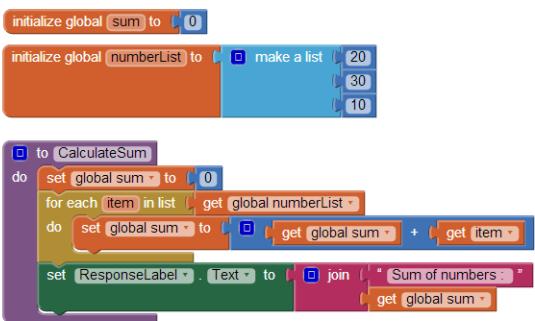
PROF. LEANDRO BORDIGNON



PROF. LEANDRO BORDIGNON

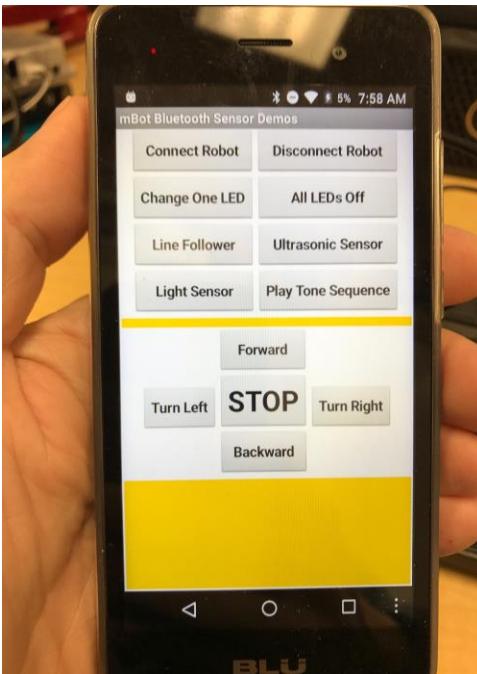
Conhecendo o App Inventor

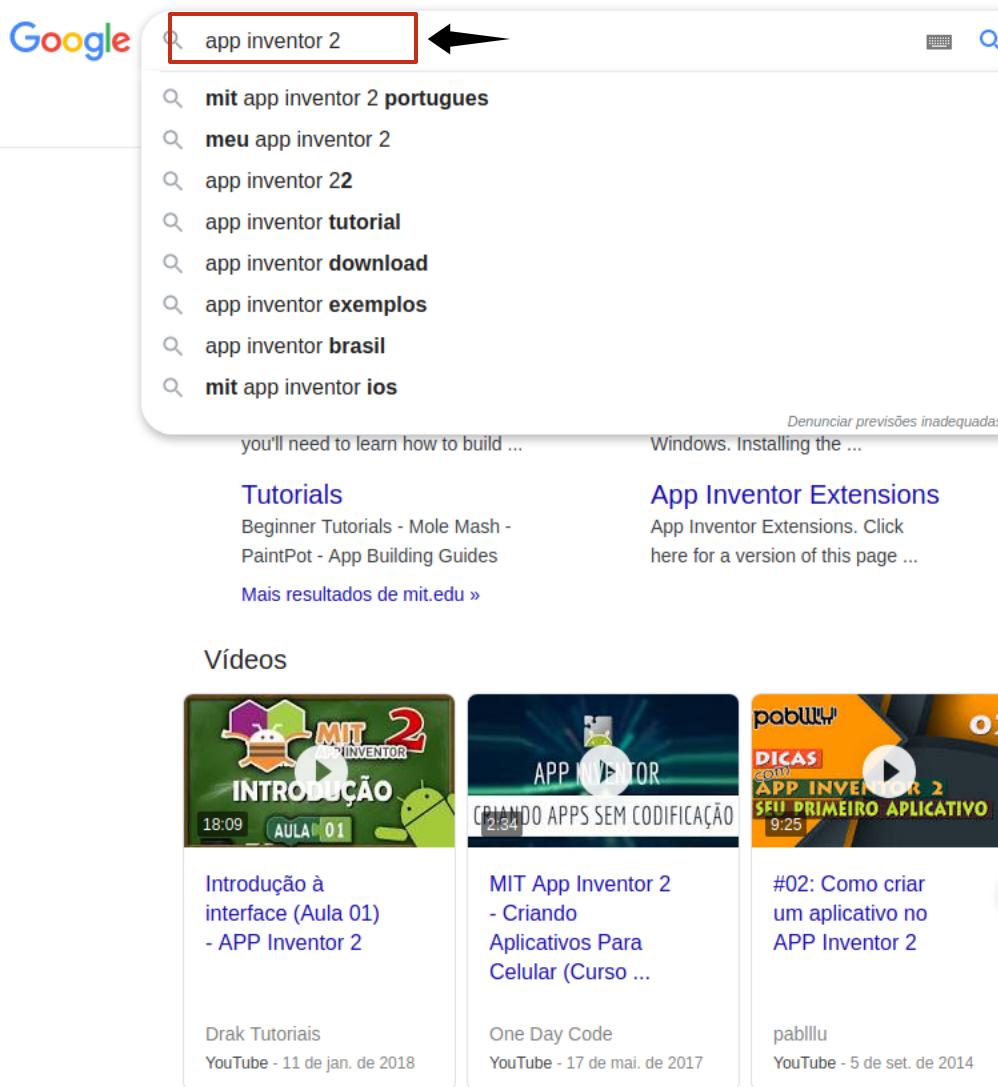
- ▶ O App inventor é uma plataforma online, mantida pela Google para desenvolvimento de aplicativos Android de uma forma simples sem precisar de nenhuma experiência em programação. A plataforma é baseada na programação por blocos (Quebra-cabeça)



Funcionalidades da Plataforma

- ▶ O principal mercado para vender e distribuir aplicativos Android é a google play, a loja virtual do google. Você pode publicar aplicativos sempre que desejar, quantas vezes desejar e para os clientes que desejar.
- ▶ Também é possível disponibilizar e monetizar seus aplicativos de acordo com sua necessidade ou negócios, gratuitamente, pago, com extras, assinaturas, etc.





erramentas



App Inventor

Software

MIT App Inventor, também conhecido como App Inventor for Android, é uma aplicação código aberto originalmente criada pela Google, e atualmente mantida pelo Massachusetts Institute of Technology. [Wikipédia](#)

Data de lançamento: 15 de dezembro de 2010

Linguagem: Java

Plataforma: Android

Licença: Licença MIT

Versão estável: Beta (15 de dezembro de 2010; há 9 anos)

Gravado em: Java, Kawa, Scheme

Itens também pesquisados

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- Appceler...
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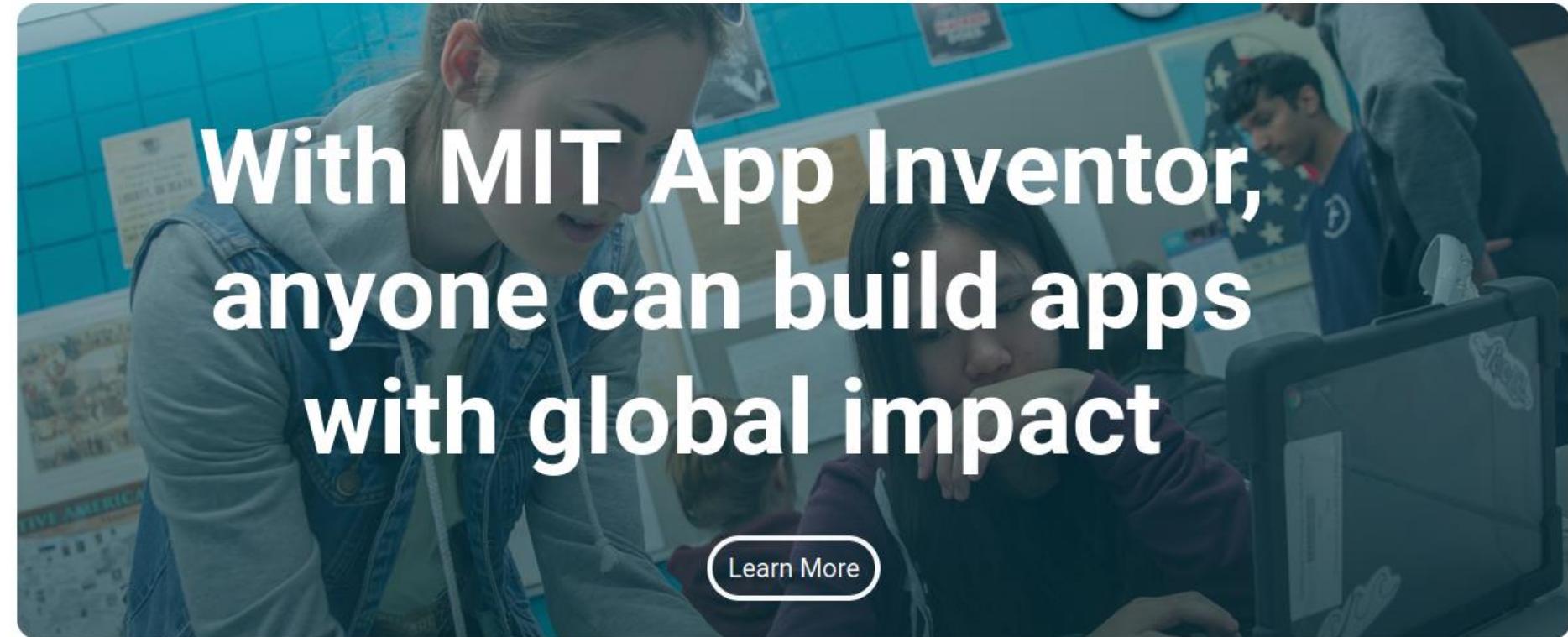
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Active Users

today:

62.0K

Active Users

this week:

260.0K

Active Users

this month:

637.9K

Registered

Users:

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Countries:

195

Apps Built:

43.3M

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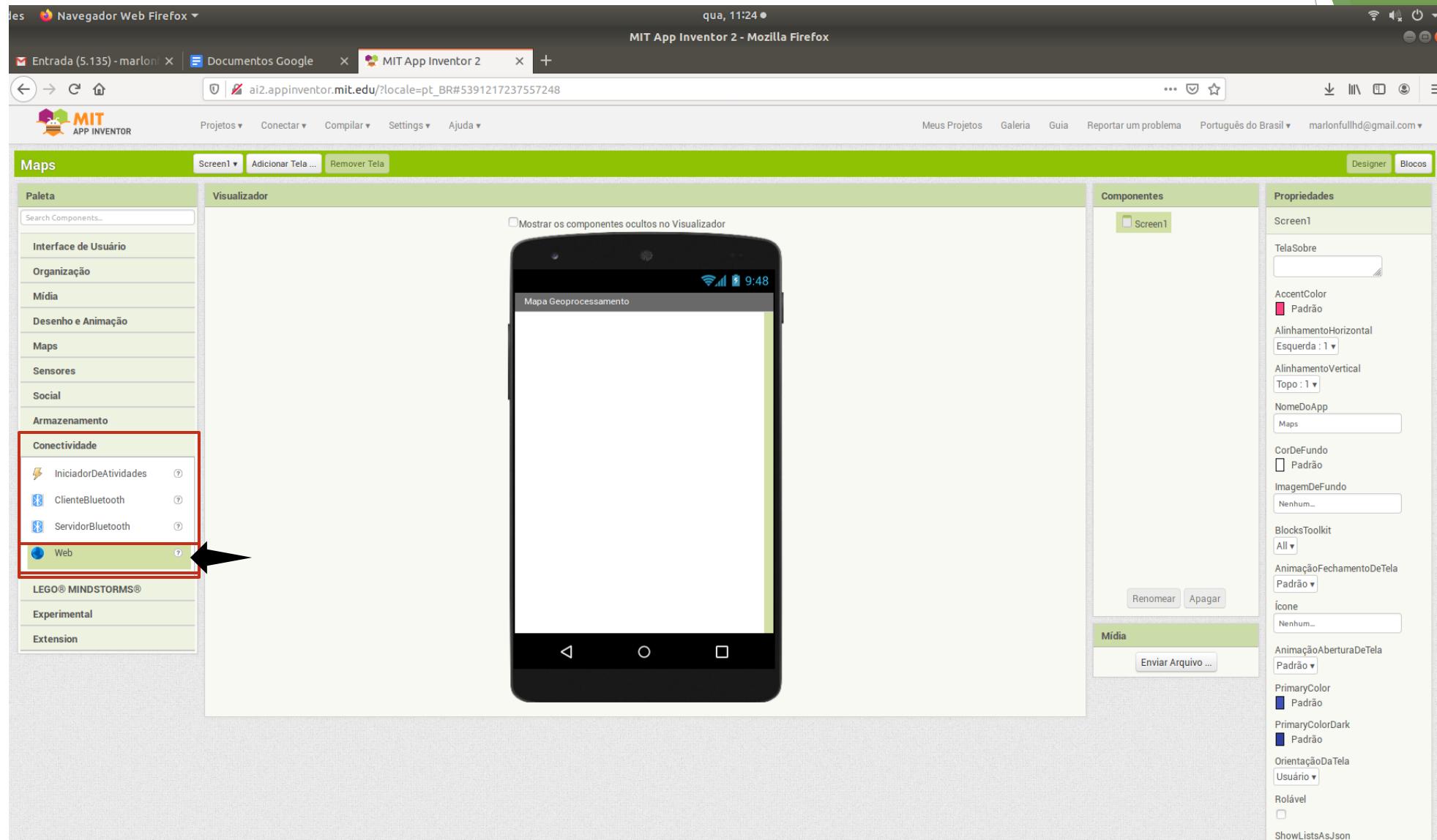
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Atividades Navegador Web Firefox

qua, 11:24 •

MIT App Inventor 2 - Mozilla Firefox

Entrada (5.135) - marlonl | Documentos Google | MIT App Inventor 2 | +

ai2.appinventor.mit.edu/?locale=pt_BR#5391217237557248

MIT APP INVENTOR

Projetos ▾ Conectar ▾ Compilar ▾ Settings ▾ Ajuda ▾ Meus Projetos Galeria Guia Reportar um problema Português do Brasil ▾ marlonfullhd@gmail.com ▾

Maps Screen1 Adicionar Tela ... Remover Tela Designer Blocos

Paleta Search Components... Interface de Usuário Botão CaixaDeSeleção EscolheData Imagem Legenda EscolheLista VisualizadorDeListas Notificador CaixaDeSenha Deslizador ListaSuspensa Switch CaixaDeTexto EscolheHora NavegadorWeb Organização Mídia Desenho e Animação Maps Sensores Social Armazenamento

Visualizador

Mostrar os componentes ocultos no Visualizador

Mapa Geoprocessamento

9:48

Componentes invisíveis Web1

Componentes

Screen1 Web1

Propriedades

Web1 PermitirCookies NomeDoArquivoDeResposta SalvarResposta Url

Renomear Apagar

Mídia Enviar Arquivo ...

Atividades Navegador Web Firefox

qua, 11:24 ●

MIT App Inventor 2 - Mozilla Firefox

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MIT APP INVENTOR

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Maps Screen1 Adicionar Tela ... Remover Tela Designer Blocos

Paleta

Search Components...

Interface de Usuário

- Botão
- CaixaDeSeleção
- EscolheData
- Imagem
- Legenda
- EscolheLista
- VisualizadorDeListas
- Notificador
- CaixaDeSenha
- Deslizador
- ListaSuspensa
- Switch
- CaixaDeTexto
- EscolheHora
- NavegadorWeb

Organização

Mídia

Desenho e Animação

Maps

Sensores

Social

Armazenamento

Visualizador

Mostrar os componentes ocultos no Visualizador

Mapa Geoprocessamento

9:48

Components invisíveis

Web1

Components

- Screen1
 - NavegadorWeb1
 - Web1

Propriedades

NavegadorWeb1

SeguirLinks

Altura Automático...

Largura Automático...

UrlInicial

IgnorarErrosSsl

PedirAutorização

UsaLocalização

Visível

Renomear Apagar

Mídia

Enviar Arquivo ...

Red vertical bar

Atividades Navegador Web Firefox

qua, 11:24 ●

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Maps Screen1 Adicionar Tela ... Remover Tela Designer Blocos

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- Botão
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- CaixaDeTexto
- EscolheHora
- NavegadorWeb

Visualizador

Mostrar os componentes ocultos no Visualizador

Mapa Geoprocessamento

9:48

Componentes invisíveis

Web1

Components

Screen1

NavegadorWeb1

Web1

Propriedades

Automático

Preencher principal

pontos

percentagem

CANCELAR OK

IgnorarErrosSsl

PedirAutorização

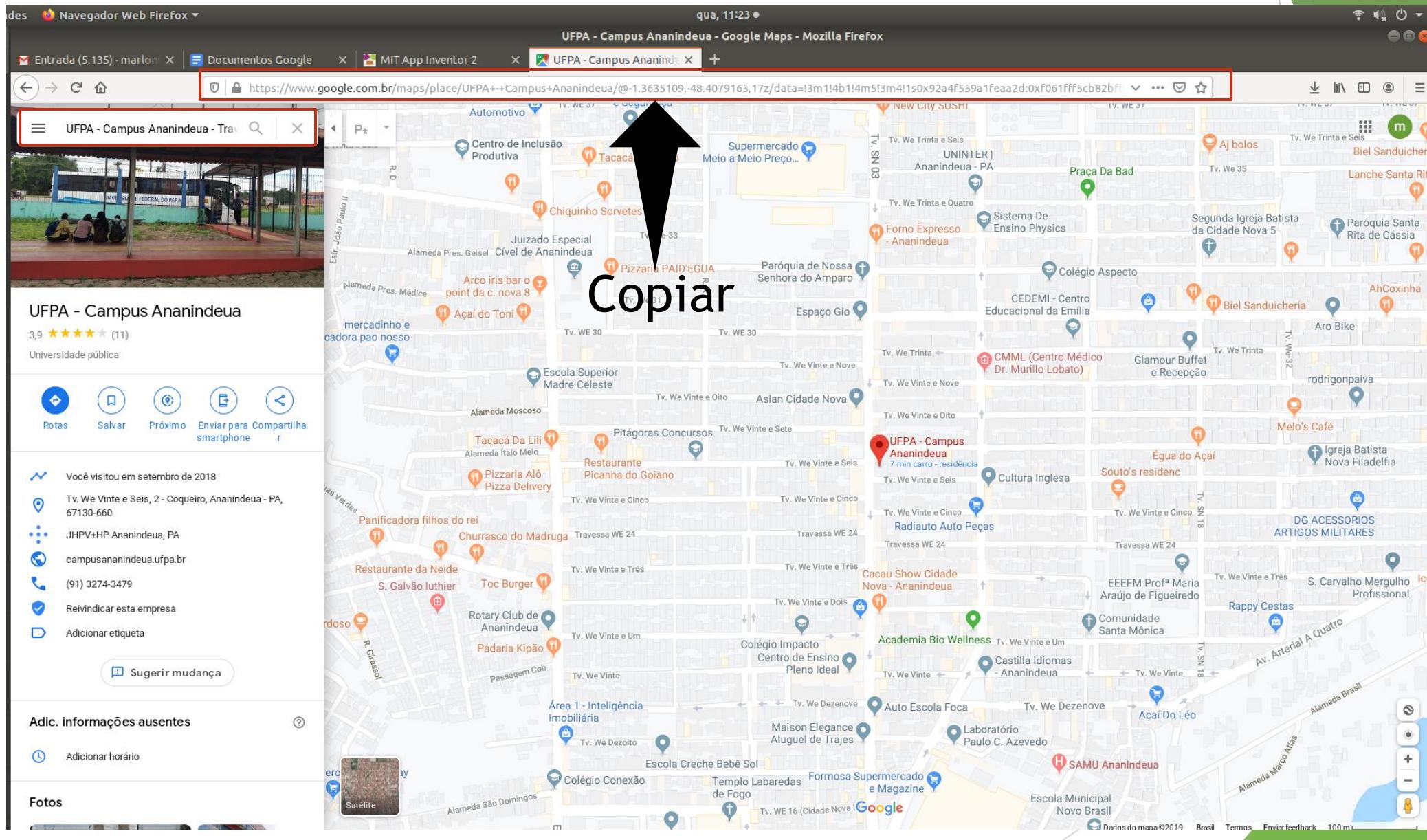
UsaLocalização

Visível

Renomear Apagar

Enviar Arquivo ...

The screenshot shows the MIT App Inventor 2 Designer interface running in a Firefox browser window. The interface includes a left sidebar with various component palettes, a central visual editor showing a smartphone screen with a globe icon, and a right-hand properties panel for the selected component. A red box highlights the 'Preencher principal' (Fill main) option in the 'Altura' (Height) section of the properties panel.



jes Navegador Web Firefox • qua, 11:25 ●

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Maps Screen1 Adicionar Tela ... Remover Tela Designer Blocos

Paleta

Search Components...

Interface de Usuário

- Botão
- CaixaDeSeleção
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- Notificador
- CaixaDeSenha
- Deslizador
- ListaSuspensa
- Switch
- CaixaDeTexto
- EscolheHora
- NavegadorWeb

Organização

Mídia

Desenho e Animação

Maps

Sensores

Social

Armazenamento

Visualizador

Mostrar os componentes ocultos no Visualizador

Mapa Geoprocessamento

9:48

Componentes invisíveis

Web1

Componentes

- Screen1
- NavegadorWeb1
- Web1

Propriedades

NavegadorWeb1

SeguirLinks

Altura Preencher principal...

Largura Preencher principal...

UrlInicial Colar →

IgnorarErrosSsl

PedirAutorização

UsaLocalização

Visível

Renomear Apagar

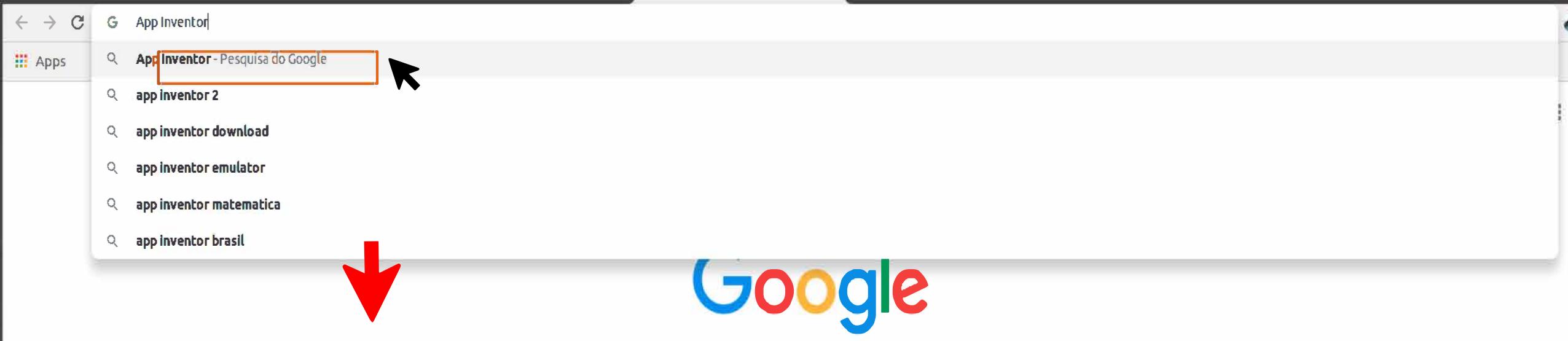
Mídia

Enviar Arquivo ...

Meu Primeiro App

VAMOS LÁ.





https://www.google.com.br/search?q=App+Inventor&oq=App+Inventor&aqs=chrome..69i57j35i39j0l4.11727j0j8&sourceid=chrome&ie=UTF-8

Google App Inventor

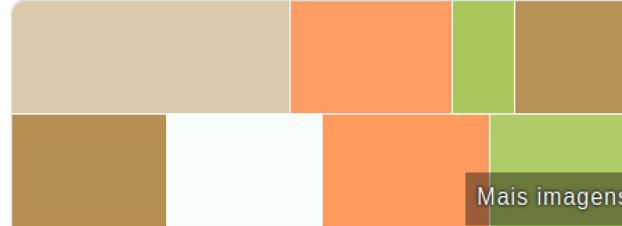
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Aproximadamente 80.100.000 resultados (0,50 segundos)

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Getting Started with MIT App Inventor
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Data de Importância: 15 de dezembro de 2010

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My Projects

| Name | Date Created | Date Modified ▾ | Published |
|--------------------|---------------------------|---------------------------|-----------|
| nini_curso_mario | Jun 3, 2019, 12:02:19 PM | Jun 3, 2019, 12:23:52 PM | No |
| esmaga_mario | May 28, 2019, 5:27:03 PM | May 29, 2019, 11:57:35 AM | No |
| nave | May 28, 2019, 3:30:38 PM | May 28, 2019, 4:28:47 PM | No |
| carangueijo | May 16, 2019, 4:25:24 PM | May 16, 2019, 6:15:23 PM | No |
| carangueijo1 | May 16, 2019, 6:03:07 PM | May 16, 2019, 6:03:07 PM | No |
| NAVE | Mar 22, 2019, 4:14:35 PM | May 16, 2019, 3:50:12 PM | No |
| Designer_minicurso | May 13, 2019, 2:41:56 PM | May 14, 2019, 3:08:41 PM | No |
| Equacao | May 13, 2019, 2:00:04 PM | May 13, 2019, 5:55:39 PM | No |
| LED_copy2 | May 3, 2019, 2:15:42 PM | May 13, 2019, 1:59:14 PM | No |
| LED | May 2, 2019, 9:04:00 AM | May 3, 2019, 1:51:52 PM | No |
| LED_copy | May 2, 2019, 3:01:54 PM | May 2, 2019, 3:01:54 PM | No |
| teste | May 2, 2019, 8:55:25 AM | May 2, 2019, 8:55:25 AM | No |
| newapp | May 2, 2019, 8:31:18 AM | May 2, 2019, 8:53:56 AM | No |
| aulaapp251018 | Oct 25, 2018, 8:33:22 AM | Mar 22, 2019, 5:03:35 PM | No |
| SOMA | Mar 22, 2019, 2:36:29 PM | Mar 22, 2019, 4:04:05 PM | No |
| Calculator1 | Mar 7, 2019, 12:03:31 PM | Mar 22, 2019, 3:27:51 PM | No |
| Colorir | Nov 1, 2018, 8:49:10 AM | Mar 13, 2019, 7:50:08 AM | No |
| POKEMONGO | Mar 7, 2019, 12:02:40 PM | Mar 7, 2019, 12:02:40 PM | No |
| Calculator | Mar 7, 2019, 12:00:37 PM | Mar 7, 2019, 12:00:37 PM | No |
| apigooglemaps | Nov 1, 2018, 10:52:22 AM | Mar 7, 2019, 9:49:43 AM | No |
| Login | Nov 22, 2018, 10:55:58 AM | Jan 31, 2019, 2:48:43 PM | No |

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Created

3, 2019, 12:02:19 PM

Date Modified ▾

Jun 3, 2019, 12:23:52 PM

Published

No

28, 2019, 5:27:03 PM

May 29, 2019, 11:57:35 AM

No

28, 2019, 3:30:38 PM

May 28, 2019, 4:28:47 PM

No

16, 2019, 4:25:24 PM

May 16, 2019, 6:15:23 PM

No

16, 2019, 6:03:07 PM

May 16, 2019, 6:03:07 PM

No

22, 2019, 4:14:35 PM

May 16, 2019, 3:50:12 PM

No

13, 2019, 2:41:56 PM

May 14, 2019, 3:08:41 PM

No

13, 2019, 2:00:04 PM

May 13, 2019, 5:55:39 PM

No

3, 2019, 2:15:42 PM

May 13, 2019, 1:59:14 PM

No

2, 2019, 9:04:00 AM

May 3, 2019, 1:51:52 PM

No

2, 2019, 3:01:54 PM

May 2, 2019, 3:01:54 PM

No

2, 2019, 8:55:25 AM

May 2, 2019, 8:55:25 AM

No

May 2, 2019, 8:31:18 AM

May 2, 2019, 8:53:56 AM

No

Oct 25, 2018, 8:33:22 AM

Mar 22, 2019, 5:03:35 PM

No

Mar 22, 2019, 2:36:29 PM

Mar 22, 2019, 4:04:05 PM

No

Mar 7, 2019, 12:03:31 PM

Mar 22, 2019, 3:27:51 PM

No

Nov 1, 2018, 8:49:10 AM

Mar 13, 2019, 7:50:08 AM

No

Mar 7, 2019, 12:02:40 PM

Mar 7, 2019, 12:02:40 PM

No

Mar 7, 2019, 12:00:37 PM

Mar 7, 2019, 12:00:37 PM

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Mar 7, 2019, 9:49:43 AM

No

Nov 22, 2018, 10:55:58 AM

Jan 31, 2019, 2:48:43 PM

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| teste | May 2, 2019, 8:55:25 AM | | No |
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| aulaapp251018 | Oct 25, 2018, 8:33:22 AM | | No |
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| apigooglemaps | Nov 1, 2018, 10:52:22 AM | | No |
| Login | Nov 22, 2018, 10:55:58 AM | | No |

Create new App Inventor project

Project name:

A dropdown menu is visible on the right side of the input field, listing recent project names:

- 2, 2019, 8:55:25 AM
- 2, 2019, 8:53:56 AM
- 22, 2019, 5:03:35 PM
- 22, 2019, 4:04:05 PM
- 22, 2019, 3:27:51 PM
- 3, 2019, 7:50:08 AM
- 7, 2019, 12:02:40 PM
- 7, 2019, 12:00:37 PM
- Mar 7, 2019, 9:49:43 AM
- Jan 31, 2019, 2:48:43 PM



Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen

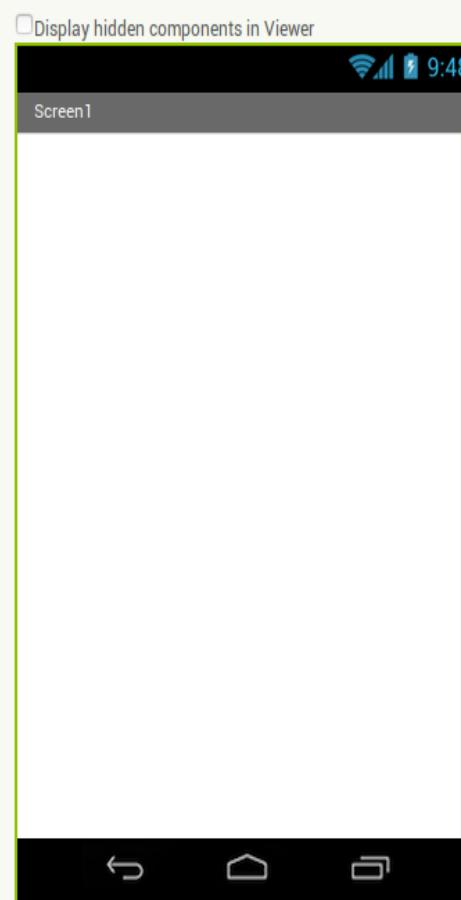
Designer Blocks

Palette

User Interface

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

Viewer



Components

Screen1

AboutScreen

Screen1

AboutScreen

AccentColor

Default

AlignHorizontal

Left : 1 ▾

AlignVertical

Top : 1 ▾

AppName

Designer_minicurso

BackgroundColor

Default

BackgroundImage

None...

CloseScreenAnimation

Default ▾

Icon

None...

OpenScreenAnimation

Default ▾

PrimaryColor

Default

PrimaryColorDark

Default

ScreenOrientation

Unspecified ▾

Media

Upload File ...

Layout

Media

Drawing and Animation

Maps

Sensors

Cloud

Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen

Designer Blocks

Palette

User Interface

- Button
- CheckBox
- DatePicker
- Image
- Label**
- ListPicker
- ListView
- Notifier
- PasswordTextBox
- Slider
- Spinner
- Switch
- TextBox
- TimePicker
- WebViewer

Layout

Media

Drawing and Animation

Maps

Sensors

Social

Storage

Connectivity

Viewer

Display hidden components in Viewer

Screen1

Text for Label1

Text for Label2

Components

- Screen1
 - Label1
 - Label2**

Properties

Label2

BackgroundColor

None

FontBold

FontItalic

FontSize

14.0

FontTypeface

default

HTMLFormat

HasMargins

Height

Automatic...

Width

Automatic...

Text

Text for Label2

Media

Upload File ...

TextAlignment

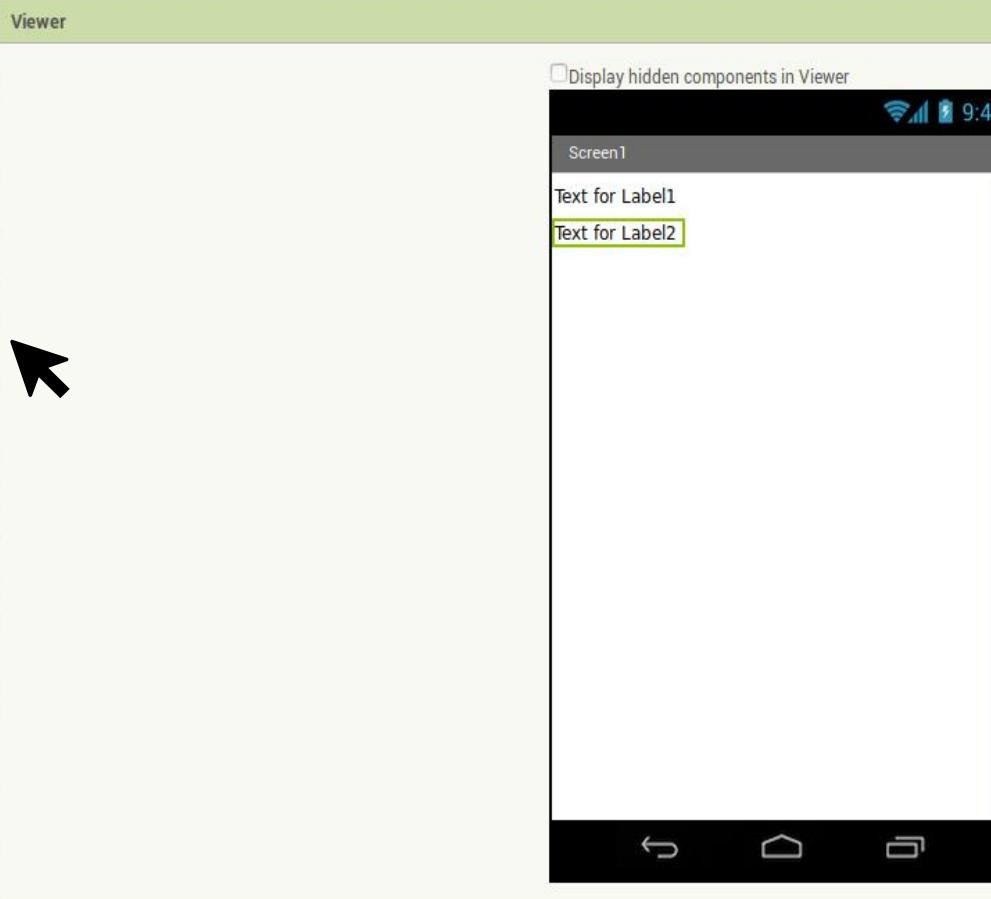
left : 0

TextColor

Default

Visible

✓



Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen Designer Blocks

Palette

User Interface

Layout

- HorizontalArrangement
- HorizontalScrollView
- TableArrangement
- VerticalArrangement
- VerticalScrollView

Media

Drawing and Animation

Maps

Sensors

Social

Storage

Connectivity

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Experimental

Extension

Viewer

Display hidden components in Viewer

Screen1

Text for Label1

Text for Label2

Components

- Screen1
 - Label1
 - Label2

Properties

Screen1

AboutScreen

AccentColor Default

AlignHorizontal Left : 1 ▾

AlignVertical Top : 1 ▾

AppName Designer_minicurso

BackgroundColor Default

BackgroundImage None...

CloseScreenAnimation Default ▾

Icon None...

OpenScreenAnimation Default ▾

PrimaryColor Default

PrimaryColorDark Default

ScreenOrientation Unspecified ▾

Scollable

ShowListsAsJson

ShowStatusBar

Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen Designer Blocks

Palette

User Interface

Layout

HorizontalArrangement

HorizontalScrollArrangement

TableArrangement

VerticalArrangement

VerticalScrollArrangement

Media

Drawing and Animation

Maps

Sensors

Social

Storage

Connectivity

LEGO® MINDSTORMS®

Experimental

Extension

Viewer

Display hidden components in Viewer

Screen1

Text for Label1

Text for Label2

HorizontalArrangement1

HorizontalArrangement

Label1

Label2

HorizontalArrangement1

HorizontalArrangement2

Properties

HorizontalArrangement1

AlignHorizontal

Left : 1 ▾

AlignVertical

Top : 1 ▾

BackgroundColor

Default

Height

Automatic...

Width

Automatic...

Image

None...

Visible

✓

Rename Delete

Media

Upload File ...

A screenshot of the MIT App Inventor Designer interface. On the left, the 'Palette' sidebar is open, showing categories like User Interface, Layout, Media, etc., with 'HorizontalArrangement' selected and highlighted with a red border. In the center, the 'Viewer' shows a mobile phone screen with the title 'Screen1'. Inside the screen, there are two text labels: 'Text for Label1' and 'Text for Label2'. Below them is a large, light-gray rectangular component labeled 'HorizontalArrangement1'. On the right, the 'Components' pane lists the objects in the screen: 'Screen1', 'Label1', 'Label2', 'HorizontalArrangement1', and 'HorizontalArrangement2'. The 'Properties' pane is open for 'HorizontalArrangement1', showing settings for AlignHorizontal (Left : 1), AlignVertical (Top : 1), BackgroundColor (Default), Height (Automatic...), Width (Automatic...), Image (None...), and Visible (checked). A large black arrow points from the 'HorizontalArrangement' entry in the palette towards the 'HorizontalArrangement1' component in the viewer.

Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen

Designer Blocks

Palette

User Interface

Layout

- HorizontalArrangement ?
- HorizontalScrollView ?
- TableArrangement ?
- VerticalArrangement ?
- VerticalScrollView ?

Media

Drawing and Animation

Maps

Sensors

Social

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Connectivity

LEGO® MINDSTORMS®

Experimental

Extension

Viewer

Display hidden components in Viewer

Screen1

Text for Label1

Text for Label2

HorizontalArrangement1

Label1

Label2

HorizontalArrangement1

HorizontalArrangement2

HorizontalArrangement1

Label1

Label2

HorizontalArrangement1

HorizontalArrangement2

Components

- Screen1
 - Label1
 - Label2
 - HorizontalArrangement1
 - HorizontalArrangement2

Rename Delete

Media

Upload File ...

Properties

HorizontalArrangement1

AlignHorizontal Left : 1 ▾

AlignVertical Top : 1 ▾

BackgroundColor Default

Height Automatic...

Width Automatic Fill parent pixels percent

Cancel OK

A large black arrow points to the "Fill parent" radio button under the Width section.

Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen

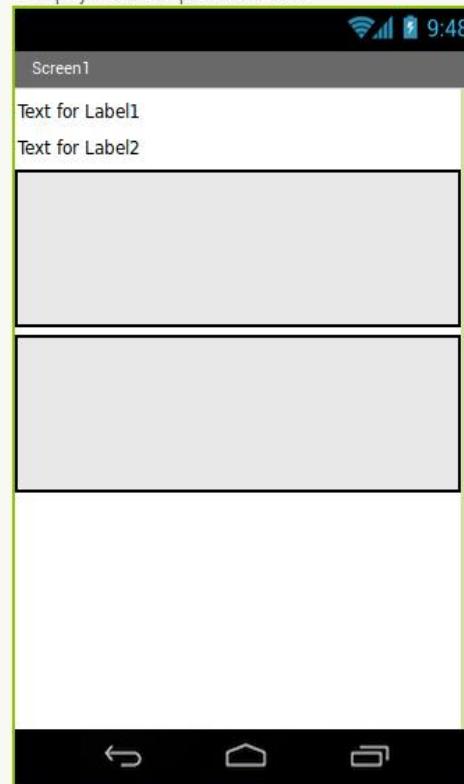
Designer Blocks

Palette

User Interface

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

Viewer

 Display hidden components in Viewer

Components

 Screen1 Label1 Label2 HorizontalArrangement1 HorizontalArrangement2 Rename Delete

Media

 Upload File ...

Properties

Screen1

AboutScreen

AccentColor

 Default

AlignHorizontal

 Left : 1 ▾

AlignVertical

 Top : 1 ▾

AppName

 Designer_minicurso

BackgroundColor

 Default

BackgroundImage

 None...

CloseScreenAnimation

 Default ▾

Icon

 None...

OpenScreenAnimation

 Default ▾

PrimaryColor

 Default

PrimaryColorDark

 Default

ScreenOrientation

 Unspecified ▾

Scrollable

ShowListsAsJson

ShowStatusBar

Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen

Designer Blocks

Palette

User Interface

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

Viewer

 Display hidden components in Viewer

Components

- Screen1**
- Label1**
- Label2**
- HorizontalArrangement1**
- HorizontalArrangement2**
- Button1**

Properties

- Button1**
- BackgroundColor Default
- Enabled
- FontBold
- FontItalic
- FontSize
- FontTypeface
- Height
- Width
- Image
- Shape
- ShowFeedback
- Text
- TextAlignment
- TextColor Default
- Visible

Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen Designer Blocks

Palette

User Interface

Layout

HorizontalArrangement

HorizontalScrollArrangement

TableArrangement

VerticalArrangement

VerticalScrollArrangement

Media

Drawing and Animation

Maps

Sensors

Social

Storage

Connectivity

LEGO® MINDSTORMS®

Experimental

Extension

Viewer

Display hidden components in Viewer

Screen1

Text for Label1

Text for Label2

Text for Button1

HorizontalArrangement3

AlignHorizontal Left : 1 ▾

AlignVertical Top : 1 ▾

BackgroundColor Default

Height Automatic...

Width Fill parent...

Image None...

Visible ✓

Rename Delete

Media

Upload File ...

The screenshot shows the MIT App Inventor Designer interface. On the left, the Palette is open, displaying categories like User Interface, Layout, Media, etc. The 'HorizontalArrangement' item under Layout is highlighted with a red border and has a black arrow pointing towards it from the left. The central area is the Viewer, showing a mobile screen with three components: 'Text for Label1', 'Text for Label2', and 'Text for Button1'. The 'HorizontalArrangement' component is currently selected, as indicated by its green border in the Components panel on the right. The Components panel lists the objects in the screen: Screen1, Label1, Label2, HorizontalArrangement1, HorizontalArrangement2, Button1, and HorizontalArrangement3. The Properties panel on the far right provides settings for the selected object, including AlignHorizontal (Left : 1), AlignVertical (Top : 1), BackgroundColor (Default), Height (Automatic...), Width (Fill parent...), Image (None...), and Visible (checked). At the bottom of the Components panel, there are 'Rename' and 'Delete' buttons.

Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen Designer Blocks

Palette

User Interface

- Button
- CheckBox
- DatePicker
- Image
- Label**
- ListPicker
- ListView
- Notifier
- PasswordTextBox
- Slider
- Spinner
- Switch
- TextBox
- TimePicker
- WebViewer

Layout

Media

Drawing and Animation

Maps

Sensors

Social

Storage

Connectivity

Viewer

Display hidden components in Viewer

Screen1

Text for Label1

Text for Label2

Text for Label3

Text for Label4

Text for Button1

Background color: None

Font Bold: Off

Font Italic: Off

Font Size: 14.0

Font Typeface: default

HTML Format: Off

Has Margins: On

Height: Automatic...

Width: Automatic...

Text: Text for Label4

Text Alignment: left : 0

Text Color: Default

Visible: On

Components

- Screen1
 - Label1
 - Label2
 - HorizontalArrangement1
 - Label3
 - HorizontalArrangement2
 - Label4
 - Button1
 - HorizontalArrangement3

Properties

Label4

BackgroundColor: None

FontBold: Off

FontItalic: Off

FontSize: 14.0

FontTypeface: default

HTMLFormat: Off

HasMargins: On

Height: Automatic...

Width: Automatic...

Text: Text for Label4

TextAlignment: left : 0

TextColor: Default

Visible: On

Rename Delete

Upload File ...

The screenshot shows the MIT App Inventor Designer environment. In the center is a mobile screen representation titled "Screen1" with a status bar showing signal strength, battery, and time (9:48). The screen contains four labels with placeholder text: "Text for Label1", "Text for Label2", "Text for Label3", and "Text for Label4". Below them is a button labeled "Text for Button1". To the left is a "Palette" section with various UI components like Button, CheckBox, etc., and a "Label" component which is currently selected and highlighted with a red border. A large black arrow points from the palette towards the selected "Label" component in the viewer area. To the right is a "Components" tree view and a "Properties" panel for the selected "Label4" component, showing properties such as Text, TextColor, and FontSize.

Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen

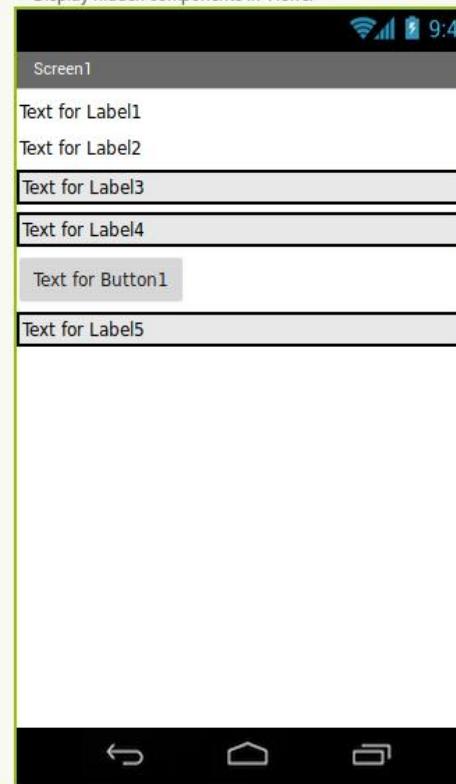
Designer Blocks

Palette

User Interface

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

Viewer

 Display hidden components in Viewer

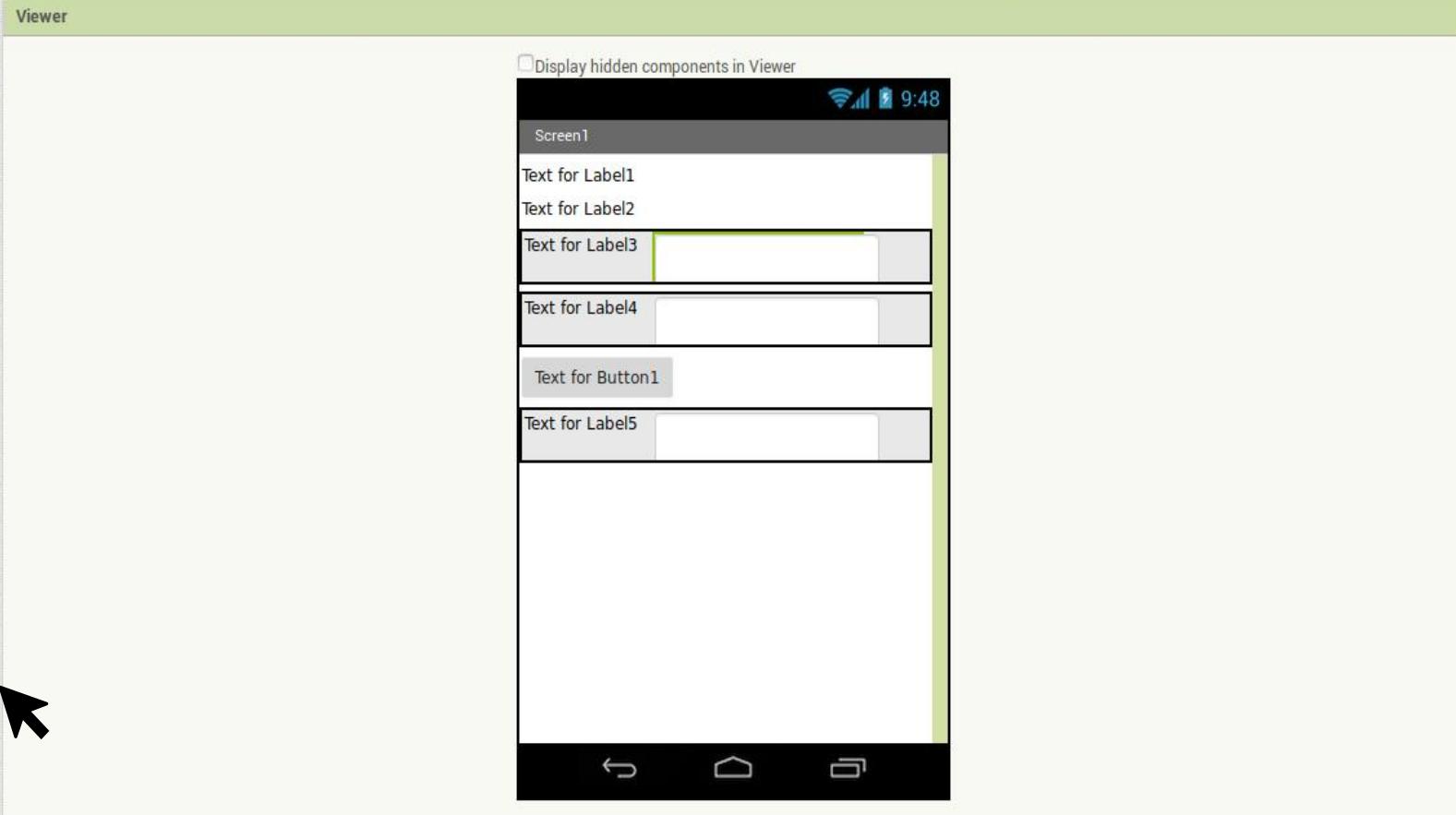
Components

- Screen1
 - Label1
 - Label2
- HorizontalArrangement1
 - Label3
- HorizontalArrangement2
 - Label4
- HorizontalArrangement3
 - Label5

Properties

- Screen1
 - AboutScreen
 - AccentColor Default
 - AlignHorizontal Left : 1 ▾
 - AlignVertical Top : 1 ▾
 - AppName Designer_minicurso
 - BackgroundColor Default
 - BackgroundImage None...
 - CloseScreenAnimation Default ▾
 - Icon None...
 - OpenScreenAnimation Default ▾
 - PrimaryColor Default
 - PrimaryColorDark Default
 - ScreenOrientation Unspecified ▾
 - Scrollable □
 - ShowListsAsJson □
 - ShowStatusBar □

| Palette | |
|--|---|
| User Interface | |
| <input type="checkbox"/> Button | ? |
| <input checked="" type="checkbox"/> CheckBox | ? |
| <input type="checkbox"/> DatePicker | ? |
| <input type="checkbox"/> Image | ? |
| <input type="checkbox"/> Label | ? |
| <input type="checkbox"/> ListPicker | ? |
| <input type="checkbox"/> ListView | ? |
| <input type="checkbox"/> Notifier | ? |
| <input type="checkbox"/> PasswordTextBox | ? |
| <input type="checkbox"/> Slider | ? |
| <input type="checkbox"/> Spinner | ? |
| <input type="checkbox"/> Switch | ? |
| <input type="checkbox"/> TextBox | ? |
| <input type="checkbox"/> TimePicker | ? |
| <input type="checkbox"/> WebViewer | ? |
| Layout | |
| Media | |
| Drawing and Animation | |
| Maps | |
| Sensors | |
| Social | |
| Storage | |
| Connectivity | |



| Components |
|---|
| <input type="checkbox"/> Screen1 |
| <input type="checkbox"/> Label1 |
| <input type="checkbox"/> Label2 |
| <input type="checkbox"/> HorizontalArrangement1 |
| <input type="checkbox"/> Label3 |
| <input type="checkbox"/> TextBox3 |
| <input type="checkbox"/> HorizontalArrangement2 |
| <input type="checkbox"/> Label4 |
| <input type="checkbox"/> TextBox2 |
| <input type="checkbox"/> Button1 |
| <input type="checkbox"/> HorizontalArrangement3 |
| <input type="checkbox"/> Label5 |
| <input type="checkbox"/> TextBox1 |
| Properties |
| TextBox3 |
| BackgroundColor |
| <input type="checkbox"/> Default |
| Enabled |
| <input checked="" type="checkbox"/> |
| FontBold |
| <input type="checkbox"/> |
| FontItalic |
| <input type="checkbox"/> |
| FontSize |
| <input type="text"/> 14.0 |
| FontTypeface |
| <input type="button"/> default ▾ |
| Height |
| <input type="button"/> Automatic... |
| Width |
| <input type="button"/> Automatic... |
| Hint |
| <input type="text"/> Hint for TextBox3 |
| MultiLine |
| <input type="checkbox"/> |
| NumbersOnly |
| <input type="checkbox"/> |
| Text |
| <input type="text"/> |
| TextAlignment |
| <input type="button"/> left : 0 ▾ |
| TextColor |
| <input type="checkbox"/> Default |
| Visible |
| <input checked="" type="checkbox"/> |

Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen

Designer Blocks

Palette

User Interface

-  Button [?](#)
 -  CheckBox [?](#)
 -  DatePicker [?](#)
 -  Image [?](#)
 -  Label [?](#)
 -  ListPicker [?](#)
 -  ListView [?](#)
 -  Notifier [?](#)
 -  PasswordTextBox [?](#)
 -  Slider [?](#)
 -  Spinner [?](#)
 -  Switch [?](#)
 -  TextBox [?](#)
 -  TimePicker [?](#)
 -  WebViewer [?](#)

Layout

Media

Drawing and Animation

Maps

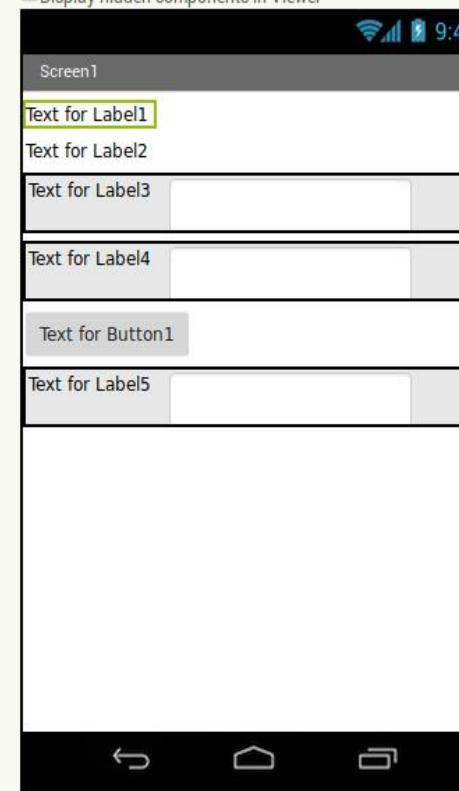
Sensors

Social

Storage

Viewer

Display hidden components in View



Renomear

Components

- The screenshot shows the XAML designer interface with a visual tree on the left. The tree structure is as follows:

 - Screen1
 - Label1
 - Label2
 - HorizontalArrangement1
 - Label3
 - TextBox3
 - HorizontalArrangement2
 - Label4
 - TextBox2
 - Button1
 - HorizontalArrangement3
 - Label5
 - TextBox1

Media

[Upload File](#)

Properties

- | |
|-------------------------------------|
| Label1 |
| BackgroundColor |
| <input type="color"/> None |
| FontBold |
| <input checked="" type="checkbox"/> |
| FontItalic |
| <input checked="" type="checkbox"/> |
| FontSize |
| 14.0 |
| FontTypeface |
| default ▾ |
| HTMLFormat |
| <input checked="" type="checkbox"/> |
| HasMargins |
| <input checked="" type="checkbox"/> |
| Height |
| Automatic... |
| Width |
| Automatic... |
| Text |
| Equação do 1º Grau |

TextAlignment
left : 0 ▾

TextColor

Default

Visible

Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen Designer Blocks

Palette

User Interface

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

Layout

Media

Drawing and Animation

Maps

Sensors

Social

Storage

Connectivity

Viewer

Display hidden components in Viewer

Screen1

Equação do 1º Grau

$a x + b = 0$

a =

b =

iniciar Cálculo da equação

x =

Components

- Screen1
 - Label1
 - Label2
 - HorizontalArrangement1
 - Label3
 - TextBox3
 - HorizontalArrangement2
 - Label4
 - TextBox2
 - Button1
 - HorizontalArrangement3
 - Label5
 - TextBox1

Rename Delete

Properties

Screen1

AboutScreen

AccentColor Default

AlignHorizontal Left : 1 ▾

AlignVertical Top : 1 ▾

AppName Designer_minicurso

BackgroundColor Default

BackgroundImage None...

CloseScreenAnimation Default ▾

Icon None...

OpenScreenAnimation Default ▾

PrimaryColor Default

PrimaryColorDark Default

ScreenOrientation Unspecified ▾

Scrollable

ShowListsAsJson

ShowStatusBar

Designer_minicurso

Screen1 Add Screen ... Remove Screen Designer Blocks

Palette

User Interface

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

Layout

Media

Drawing and Animation

Maps

Sensors

Social

Storage

Connectivity

Viewer

Display hidden components in Viewer

Screen1

Equação do 1º Grau

a x + b = 0

a =

b =

iniciar Cálculo da equação

x =

Components

- Screen1
 - Label1
 - Label2
- HorizontalArrangement1
 - Label3
 - TextBox3
- HorizontalArrangement2
 - Label4
 - TextBox2
 - Button1
- HorizontalArrangement3
 - Label5
 - TextBox1

Properties

Label1

BackgroundColor

None

FontBold

FontItalic

FontSize

14.0

FontTypeface

default

HTMLFormat

HasMargins

Height

Automatic...

Width

Automatic

Fill parent

pixels

percent

Upload File ...

Cancel OK

TextColor

Default

Visible

Renomear Excluir

→

Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen

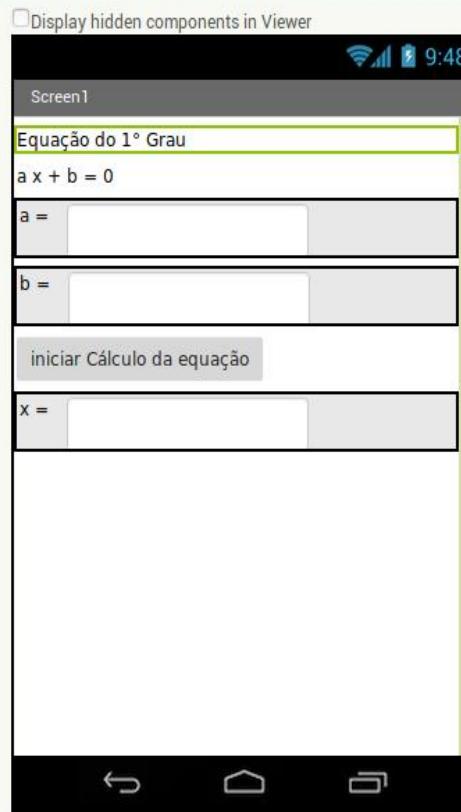
Designer Blocks

Palette

User Interface

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

Viewer



Components

- Screen1
 - Label1
 - Label2
 - HorizontalArrangement1
 - Label3
 - TextBox3
 - HorizontalArrangement2
 - Label4
 - TextBox2
 - HorizontalArrangement3
 - Label5
 - TextBox1

Media

Upload File ...



Properties

Label1

BackgroundColor
NoneFontBold
FalseFontItalic
FalseFontSize
14.0FontTypeface
defaultHTMLFormat
FalseHasMargins
TrueHeight
Automatic...Width
Fill parent...Text
Equação do 1º GrauTextAlignment
left : 0

left : 0

center : 1

right : 2

Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen

Designer Blocks

Palette

User Interface

- Button
- CheckBox
- DatePicker
- Image
- Label
- ListPicker
- ListView
- Notifier
- PasswordTextBox
- Slider
- Spinner
- Switch
- TextBox **Selected**
- TimePicker
- WebViewer

Layout

Media

Drawing and Animation

Maps

Sensors

Social

Storage

Connectivity

Viewer

Display hidden components in Viewer

Screen1
Equação do 1º Grau
 $a x + b = 0$

a =
b =
x =
iniciar Cálculo da equação

Components

- Screen1
- Label1
- Label2
- HorizontalArrangement1
 - Label3
 - TextBox3
- HorizontalArrangement2
 - Label4
 - TextBox2
 - Button1
- HorizontalArrangement3
 - Label5
 - TextBox1

Properties

HorizontalArrangement2

AlignHorizontal
Left : 1 ▾

Left : 1
Center : 3 **Selected** Right : 2 lo ←

Height
Automatic...

Width
Fill parent...

Image
None...

Visible

Rename Delete

Media

Upload File ...

Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen

Designer Blocks

| Palette |
|-----------------------|
| User Interface |
| Button |
| CheckBox |
| DatePicker |
| Image |
| Label |
| ListPicker |
| ListView |
| Notifier |
| PasswordTextBox |
| Slider |
| Spinner |
| Switch |
| TextBox |
| TimePicker |
| WebViewer |
| Layout |
| Media |
| Drawing and Animation |
| Maps |
| Sensors |
| Social |
| Storage |
| Connectivity |

Display hidden components in Viewer

Screen1

Equação do 1º Grau

$a x + b = 0$

a =

b =

iniciar Cálculo da equação

x =

| Components |
|------------------------|
| Screen1 |
| Label1 |
| Label2 |
| HorizontalArrangement1 |
| Label3 |
| TextBox3 |
| HorizontalArrangement2 |
| Label4 |
| TextBox2 |
| Button1 |
| HorizontalArrangement3 |
| Label5 |
| TextBox1 |

| Properties |
|-------------------------------------|
| HorizontalArrangement3 |
| AlignHorizontal |
| Center : 3 ▾ |
| AlignVertical |
| Top : 1 ▾ |
| BackgroundColor |
| Default |
| Height |
| Automatic... |
| Width |
| Fill parent... |
| Image |
| None... |
| Visible |
| <input checked="" type="checkbox"/> |

| | |
|--------|--------|
| Rename | Delete |
|--------|--------|

Media

Upload File ...

Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen Designer Blocks

Palette

User Interface

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

Viewer

Display hidden components in Viewer

Screen1

Equação do 1º Grau

a x + b = 0

a =

b =

iniciar Cálculo da equação

x =

Rename Component

Old name: Label2

New name:

Cancel OK

Components

- Screen1
 - titulo
 - Label2
 - HorizontalArrangement1
 - Label3
 - TextBox3
 - HorizontalArrangement2
 - Label4
 - TextBox2
 - Button1
 - HorizontalArrangement3
 - Label5
 - TextBox1

Properties

Label2

BackgroundColor None

FontBold

FontItalic

FontSize

FontTypeface

HTMLFormat

HasMargins

Height

Width

Text

TextAlignment

TextColor

Visible

Selecionar 

Renomear componentes 

Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen Blocks

Palette

User Interface

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

Layout

Media

Drawing and Animation

Maps

Sensors

Social

Storage

Connectivity

Viewer

Display hidden components in Viewer

Screen1

Equação do 1º Grau

$a x + b = 0$

a =

b =

iniciar Cálculo da equação

x =

Components

- Screen1
 - titulo
 - titulo1
 - HorizontalArrangement1
 - a
 - valor_a
 - HorizontalArrangement2
 - b
 - valor_b
 - HorizontalArrangement3
 - x
 - valor_x

Properties

valor_x

BackgroundColor

Default

Enabled

FontBold

FontItalic

FontSize

14.0

FontTypeface

default

Height

Automatic...

Width

Automatic...

Hint

Hint for TextBox1

MultiLine

NumbersOnly

Text

TextAlignment

left : 0

TextColor

Default

Visible

A large black arrow points from the top right towards the "Blocks" tab in the header.

Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen

Designer Blocks



Blocks

Built-in

Control

Logic

Math

Text

Lists

Colors

Variables

Procedures

Screen1

A título

A título1

HorizontalArrangement

A a

T valor_a

HorizontalArrangement

A b

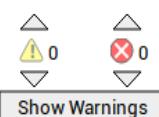
T

Rename

Delete

Media

Upload File ...



Show Warnings



Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen

Designer Blocks

Blocks

Built-in

Control

Logic

Math

Text

Lists

Colors

Variables

Procedures



Viewer

initialize global [name] to

initialize global [name2] to

initialize global [name3] to



Screen1

A titulo

A titulo1

HorizontalArrangement

A a

T valor_a

HorizontalArrangement

A b

Rename Delete

Media

Upload File ...



Show Warnings



Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen

Designer Blocks

Blocks

Built-in

Control

Logic

Math

Text

Lists

Colors

Variables

Procedures

Screen1

A título

A título1

HorizontalArrangement

A a

I valor_a

HorizontalArrangement

A b

Rename

Delete

Media

Upload File ...

Viewer

initialize global a to

initialize global b to

initialize global x to



Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen

Designer Blocks

Blocks

Built-in

Control

Logic

Math

Text

Lists

Colors

Variables

Procedures

Screen1

A título

A título1

HorizontalArrangement

A a

valor_a

HorizontalArrangement

A b

[Rename](#) [Delete](#)

Media

[Upload File ...](#)

Viewer

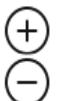
initialize global [a] to [0]

initialize global [b] to [0]

initialize global [x] to [0]



Show Warnings



Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen

Designer Blocks

Blocks

Events

Colors

Variables

Procedures

Screen1

A

A

HorizontalArrangement

A

I

HorizontalArrangement

A

I

iniciar

HorizontalArrangement

A

I

Any component

Rename

Delete

Media

Upload File ...



Viewer

when iniciar .Click
do initialize global [a] to [0]
initialize global [b] to [0]when iniciar .GotFocus
dowhen iniciar .LongClick
dowhen iniciar .LostFocus
dowhen iniciar .TouchDown
dowhen iniciar .TouchUp
do

iniciar . BackgroundColor

set iniciar . BackgroundColor to

iniciar . Enabled

set iniciar . Enabled to

iniciar . FontBold

set iniciar . FontBold to



Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen

Designer Blocks

Blocks

- Colors
- Variables
- Procedures

Viewer

- initialize global [name] to [0]
- get [name] initialize global [a] to [0]
- set [name] to [initialize global [x] to [0]]
- initialize local [name] to [0] in [do ...]
- initialize local [name] to [0] in [do ...]

- Screen1
 - [A] título
 - [A] título1
- HorizontalArrangement
 - [A] a
 - [I] valor_a
- HorizontalArrangement
 - [A] b
 - [I] valor_b
- [iniciar]
- HorizontalArrangement
 - [A] x
 - [I] valor_x
- + Any component

[Rename](#) [Delete](#)

Media

[Upload File ...](#)

0 0
Show Warnings



Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen

Designer Blocks

Blocks

- Colors
- Variables
- Procedures
- Screen1
 - A título
 - A título1
- HorizontalArrangement
 - A a
 - Y valor_a**
- HorizontalArrangement
 - A b
 - valor_b
- iniciar
- HorizontalArrangement
 - A x
 - valor_x
- Any component

Rename Delete

Media

Upload File ...



Viewer

```
set [valor_a v].Height to [100]
set [valor_a v].HeightPercent to [100]
initialize global [b] to [0]
[valor_a v].Hint [initialze global [x] to [0]
set [valor_a v].Hint to [ ]
[valor_a v].Initial a [ ]
[valor_a v].MultiLine [ ]
set [valor_a v].MultiLine to [ ]
[valor_a v].NumbersOnly [ ]
set [valor_a v].NumbersOnly to [ ]
[valor_a v].Text [ ]
set [valor_a v].Text to [ ]
[valor_a v].TextColor [ ]
set [valor_a v].TextColor to [ ]
[valor_a v].Visible [ ]
set [valor_a v].Visible to [ ]
[valor_a v].Width [ ]
set [valor_a v].Width to [ ]
set [valor_a v].WidthPercent to [ ]
Show Warnings
[valor_a v]
```



Blocks

Built-in

Control

Logic

Math

Text

Lists

Colors

Variables

Procedures

Screen1

A título

A título1

HorizontalArrangement

A a

I valor_a

HorizontalArrangement

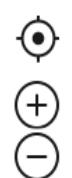
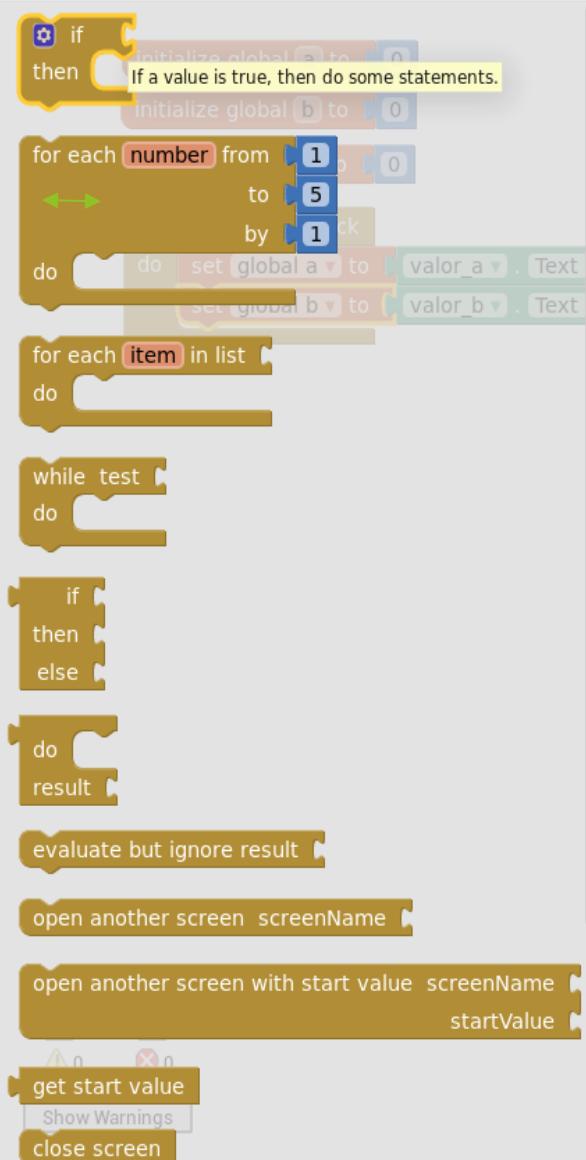
A b

[Rename](#)[Delete](#)

Media

[Upload File ...](#)

Viewer



Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen

Designer Blocks

Blocks

Built-in



Screen1



HorizontalArrangement



Rename Delete

Media

Upload File ...



Show Warnings

Viewer

initialize global [a] to [0]

initialize global [b] to [0]

initialize global [x] to [0]

when [iniciar] .Click

do [set global [a] to [valor_a] . Text]
[set global [b] to [valor_b] . Text][if
then]

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Built-in

Control

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Screen1

A título

A título1

HorizontalArrangement

A a

T valor_a

HorizontalArrangement

A b

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Viewer

true ▾ initialize global a to 0

false ▾ initialize global b to 0

not ▾ initialize global x to 0

= [] ▾ iniciar ▾ .Click

set global a to valor_a . Text

and [] ▾ set global b to valor_b . Text

or [] ▾ if [] then []



Show Warnings



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I valor_a

HorizontalArrangement

A b

[Rename](#) [Delete](#)

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Viewer

initialize global a to 0

initialize global b to 0

initialize global x to 0

when iniciar .Click

do set global a to valor_a . Text

set global b to valor_b . Text

if + = then



Show Warnings



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A título

A título1

HorizontalArrangement

A a

valor_a

HorizontalArrangement

A b

valor_b

[Rename](#)[Delete](#)

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Viewer

```
initialize global [name] to [0]
get [name]
set [name] to [0]
initialize local [name] to [0]
do
  set global [a] to [valor_a . Text]
  set global [b] to [valor_b . Text]
end
initialize local [name] to [1]
then
```



Show Warnings



Designer_minicurso

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Screen1

A título

A título1

HorizontalArrangement

A a

valor_a

HorizontalArrangement

A b

Rename Delete

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Upload File ...

Viewer

```
initialize global [a] to [0]
initialize global [b] to [0]
initialize global [x] to [0]

when [iniciar] .Click
do
  set [global a] to [valor_a].Text
  set [global b] to [valor_b].Text
  if [get [global a]] = []
    then
```



Designer_minicurso

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Screen1

A título

A título1

HorizontalArrangement

A a

valor_a

HorizontalArrangement

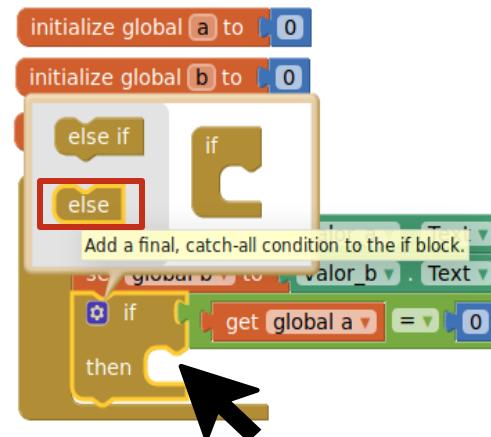
A b

[Rename](#) [Delete](#)

Media

[Upload File ...](#)

Viewer



Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen

Designer Blocks

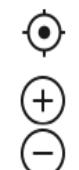
Blocks

- LISTS
- Colors
- Variables
- Procedures
- Screen1
 - A título
 - A título1
- HorizontalArrangement
 - A a
 - I valor_a
- HorizontalArrangement
 - A b
 - I valor_b
- iniciar
- HorizontalArrangement
 - A x
 - I valor_x
- + Any component

Rename Delete

Viewer

```
set valor_x . FontSize to [0]
  initialize global a to 0
valor_x . Height [0]
  initialize global b to 0
set valor_x . Height to [0]
  initialize global x to 0
set valor_x . HeightPercent to [0]
  do [set global a to valor_a . Text]
valor_x . Hint [0]
  set global b to valor_b . Text
set valor_x . Hint to [set global a = 0]
  then
valor_x . MultiLine
else
set valor_x . MultiLine to [0]
valor_x . NumbersOnly
set valor_x . NumbersOnly to [0]
valor_x . Text
set valor_x . Text to [0]
  valor_x . TextColor
set valor_x . TextColor to [0]
valor_x . Visible
set valor_x . Visible to [0]
valor_x . Width
Show Warnings
set valor_x . Width to [0]
```



Designer_minicurso

Screen1 Add Screen ... Remove Screen Designer Blocks

Blocks

Built-in

- Control
- Logic
- Math
- Text
- Lists
- Colors
- Variables
- Procedures

Screen1

- titulo
- titulo1

HorizontalArrangement

- a
- valor_a

HorizontalArrangement

- b

Rename Delete

Viewer

" " A text string. e global a to 0

join initialize global b to 0

initialize global x to 0

length when iniciar .Clicks 0

is empty set global a to valor_a . Text 0

set global b to valor_b . Text 0

compare texts < 0

global a = 0

trim then set value to valor_x . Text to

else

upcase

starts at text piece

contains text piece

split text at

split at spaces

segment text start length

replace all text segment replacement

Obfuscated Text " "

A black arrow points to the "Text" category in the "Blocks" sidebar.

Right-hand toolbar icons: a green backpack icon, a circular icon with a dot, a circular icon with a plus sign, a circular icon with a minus sign, and a trash bin icon.

Designer_minicurso

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A a

T valor_a

HorizontalArrangement

A b

T

Rename

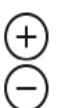
Delete

Media

Upload File ...

Viewer

```
initialize global [name] to [0]
get [a]
initialize global [b] to [0]
set [x] to [initialize global [x] to [0]]
initialize local [name] to [k]
in [do] set [global a] to [valor_a . Text]
set [global b] to [valor_b . Text]
initialize local [name] to [net]
global a = [0]
in [then] set [valor_x . Text] to ["Não existe raiz"]
else
```



Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen Designer Blocks

Blocks

Built-in

- Control
- Logic
- Math**
- Text
- Lists
- Colors
- Variables
- Procedures

Screen1

- A título
- A título1

HorizontalArrangement

- A a
- valor_a

HorizontalArrangement

- A b

Rename Delete

Media

Upload File ...

Viewer

```
script
    initialize global [a] to [0]
    initialize global [b] to [0]
    initialize global [x] to [0]
    when [iniciar] clicked
        set [global a] to [value_a]
        set [global b] to [value_b]
        if [get [global a]] = [0] then
            set [valor_x] to [Text "Não existe raiz"]
        end
    end
    [a / b] ;> ;>
end
```

The script initializes global variables a, b, and x to 0. It then sets a to value_a and b to value_b when the 'iniciar' button is clicked. An if-block checks if a is 0; if so, it sets x to the text "Não existe raiz". Finally, it performs the division a / b.

Return the quotient of the two numbers.

bitwise and

random integer from [1] to [100]

random fraction

random set seed to

min

square root

absolute

neg

round

+

-

trash

Designer_minicurso

Screen1 Add Screen ... Remove Screen Designer Blocks

Blocks

Built-in

- Control
- Logic
- Math**
- Text
- Lists
- Colors
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- Procedures

Screen1

- titulo
- titulo1

HorizontalArrangement

- a
- valor_a

HorizontalArrangement

- b

Rename Delete

Viewer

initialize global [a] to [0]
initialize global [b] to [0]
initialize global [x] to [0]
when [iniciar .Click]
do [set global a to [valor_a . Text]
bitwise and [global b to [valor_b . Text]
get global a [= [0]
random integer from [1] to [100]
else [set [x] to [/]]
random fraction
random set seed to
min
square root
absolute
neg
round
ceiling
floor
modulo of
sin

Media

Upload File ...

Design Tools

+

-

trash

Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen

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Screen1

A

A

HorizontalArrangement

A

valor_a

HorizontalArrangement

A

b

[Rename](#)[Delete](#)

Media

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Viewer

initialize global [name] to [0]

get [] initialize global [b] to [0]

set [] to [initialize global [x] to [0]]

initialize local [name] to []

in [] do [set global a to [valor_a . Text]]

[set global b to [valor_b . Text]]

initialize local [name] to []

in [] then [set valor_x . Text to [" Não existe raiz "]]

else [set global x to [neg /]]



Show Warnings

Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen

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Screen1

titulo

titulo1

HorizontalArrangement

a

valor_a

HorizontalArrangement

b

[Rename](#) [Delete](#)

Media

[Upload File ...](#)

Viewer

The code consists of the following blocks:

- initialize global [a] to [0]
- initialize global [b] to [0]
- initialize global [x] to [0]
- when [iniciar] .Click
- do
- set [global a] to [valor_a . Text]
- set [global b] to [valor_b . Text]
- if [get [global a] = [0]] then
- set [valor_x . Text] to ["Não existe raiz"]
- else
- set [global x] to [neg [get [global b]] / [get [global a]]]

[Show Warnings](#)

Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen

Designer Blocks

Blocks

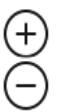
- Lists
- Colors
- Variables
- Procedures
- Screen1
 - titulo
 - titulo1
- HorizontalArrangement
 - a
 - valor_a
- HorizontalArrangement
 - b
 - valor_b
- iniciar
- HorizontalArrangement
 - x
 - valor_x

Viewer

```
set valor_x . Height to 
set valor_x . HeightPercent to 
initialize global [b] to 0
valor_x . Hint to 
valor_x . Hint to 
set valor_x . Hint to 
valor_x . MultiLine to 
set global [a] to valor_a . Text
set global [b] to valor_b . Text
set valor_x . MultiLine to 
global a = 0
valor_x . NumbersOnly to 
valor_x . Text to " Não existe raiz "
set valor_x . NumbersOnly to 
neg get global [b] / get global [a]
valor_x . Text
set valor_x . Text to 
valor_x . TextColor
set valor_x . TextColor to 
valor_x . Visible
set valor_x . Visible to 
valor_x . Width
set valor_x . Width to 
set valor_x . WidthPercent to 
Show Warnings
valor_x
```

[Rename](#) [Delete](#)

Media

[Upload File ...](#)

Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen

Designer Blocks



Blocks

- Colors
- Variables
- Procedures
- Screen1
 - titulo
 - titulo1
- HorizontalArrangement
 - a
 - valor_a
- HorizontalArrangement
 - b
 - valor_b
- iniciar
- HorizontalArrangement
 - x
 - valor_x
- Any component

Rename Delete

Viewer

```
initialize global [a] to [0]
initialize global [b] to [0]
initialize global [x] to [0]

when [iniciar v].Click
do
  set [global a v] to [valor_a v].Text
  set [global b v] to [valor_b v].Text
  if [get [global a v]] = [0]
    then [set [valor_x v].Text to "Não existe raiz"]
    else [set [global x v] to [neg v] * [get [global b v]] / [get [global a v]]]
      [set [valor_x v].Text to [get [global x v]]]
```



Media

Upload File ...



Show Warnings



Designer_minicurso

Screen1 ▾ Add Screen ...

App (provide QR code for .apk)

App (save .apk to my computer)

Designer Blocks



Blocks

Colors

Variables

Procedures

Screen1

A

titulo

titulo1

HorizontalArrangement

A

valor_a

HorizontalArrangement

A

b

valor_b

iniciar

HorizontalArrangement

A

x

valor_x

Any component

Rename

Delete

Media

Upload File ...



Show Warnings



```
initialize global [a] to [0]
initialize global [b] to [0]
initialize global [x] to [0]

when [iniciar] .Click
do
  set [global a] to [valor_a].Text
  set [global b] to [valor_b].Text
  if [get [global a]] = [0]
    then [set [valor_x].Text to "Não existe raiz"]
  else [set [global x] to [neg] [get [global b]] / [get [global a]]]
    [set [valor_x].Text to [get [global x]]]
```



Designer_minicurso

Screen1 ▾ Add Screen ... Remove Screen

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Blocks

Colors

Variables

Procedures

Screen1

A título

A título1

HorizontalArrangement

A a

T valor_a

HorizontalArrangement

A b

T valor_b

B iniciar

HorizontalArrangement

A x

T valor_x

Any component

Rename Delete

Media

Upload File ...



Show Warnings

Viewer

initialize global a to 0

initialize global b to 0

initialize global x to 0

when iniciar .Click

do set global a to valor_a . Text

set global b to valor_b . Text

if
then
else

Designer_minicurso Progress Bar



20%

Compiling part 1



QUANDO O CÓDIGO



COMPILA DE PRIMEIRA



Testando o
aplicativo

