

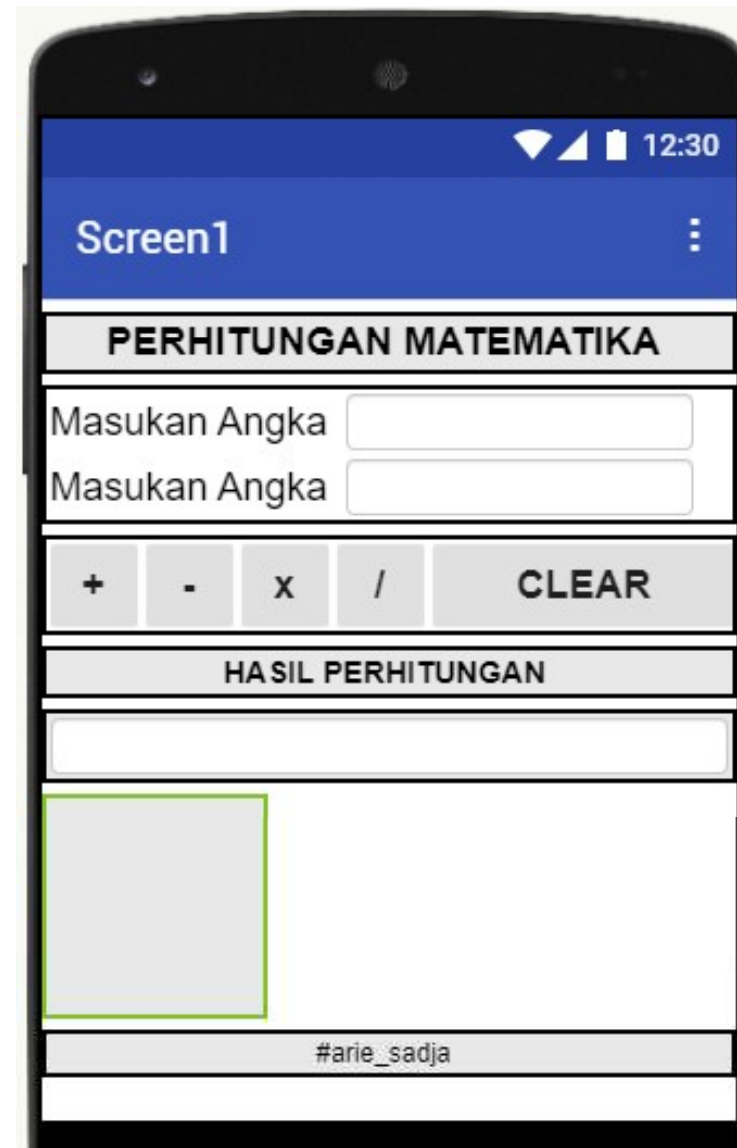
PERTEMUAN 4

Perhitungan Matematika dengan App Inventor



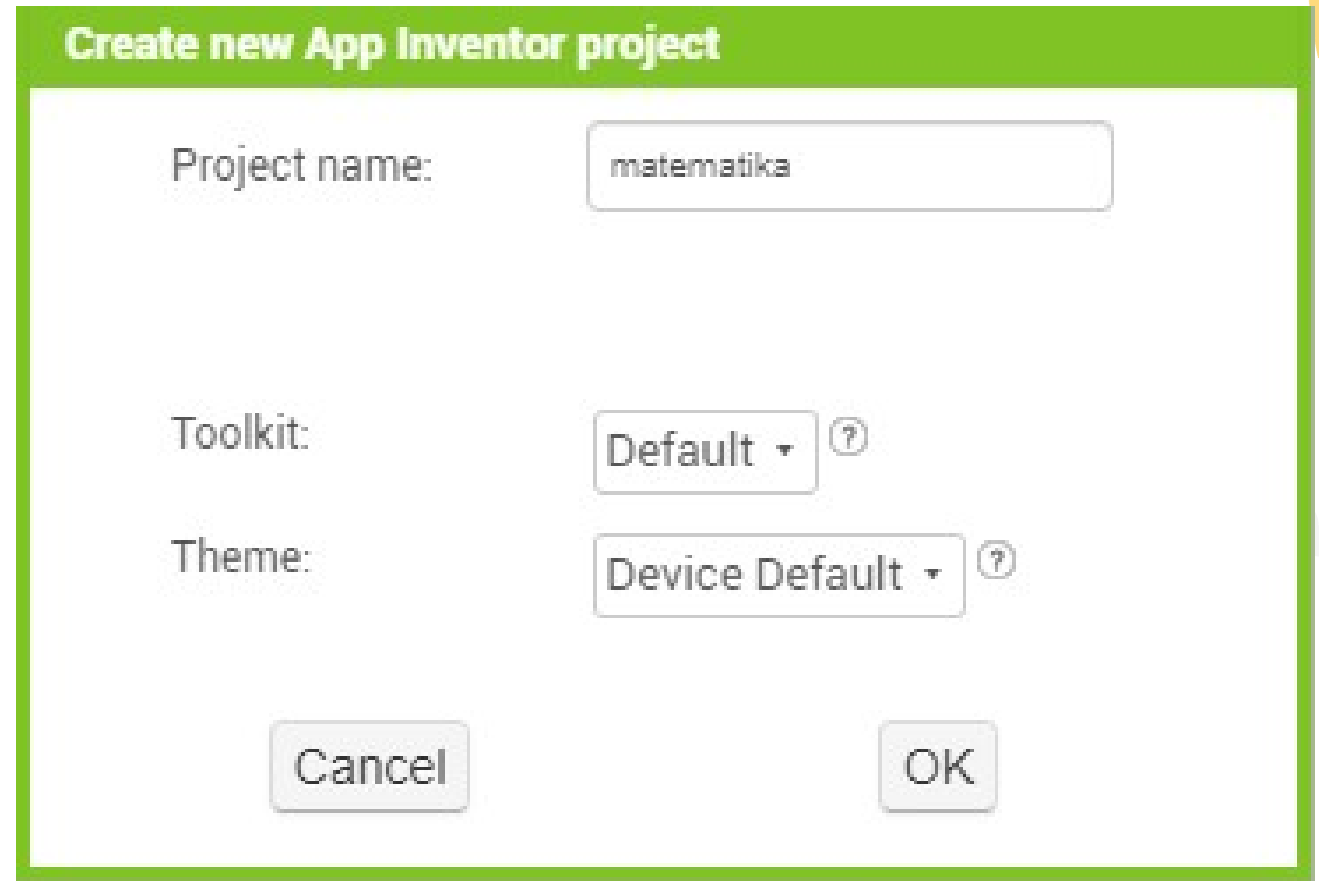
MIT App Inventor

Langkah-langkah untuk membuat aplikasi perhitungan matematika sederhana menggunakan MIT App Inventor, beserta penjelasan setiap modul yang digunakan dan propertinya secara detail



MIT App Inventor

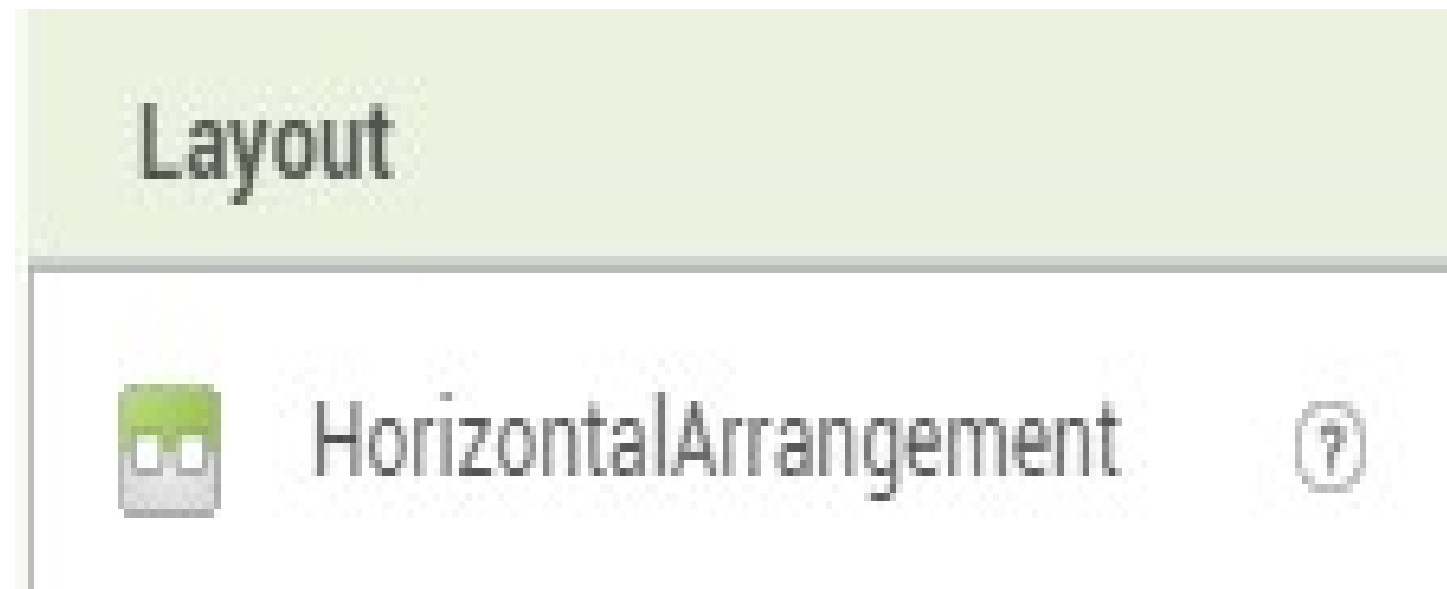
Isi Nama Project sesuai dengan Project yang akan dibuat



The screenshot shows a dialog box titled "Create new App Inventor project" with a green header. It contains three input fields: "Project name:" with the text "matematika", "Toolkit:" with a dropdown menu set to "Default", and "Theme:" with a dropdown menu set to "Device Default". Each dropdown menu has a small question mark icon to its right. At the bottom of the dialog are two buttons: "Cancel" on the left and "OK" on the right.

MIT App Inventor

Gunakan HorizontalArrangement untuk menyusun komponen secara horizontal.



MIT App Inventor



▼ Appearance

AlignHorizontal [?]
Center : 3 ▾

AlignVertical [?]
Top : 1 ▾

BackgroundColor [?]
■ Default

Height [?]
Automatic...

Width [?]

Automatic

Fill parent

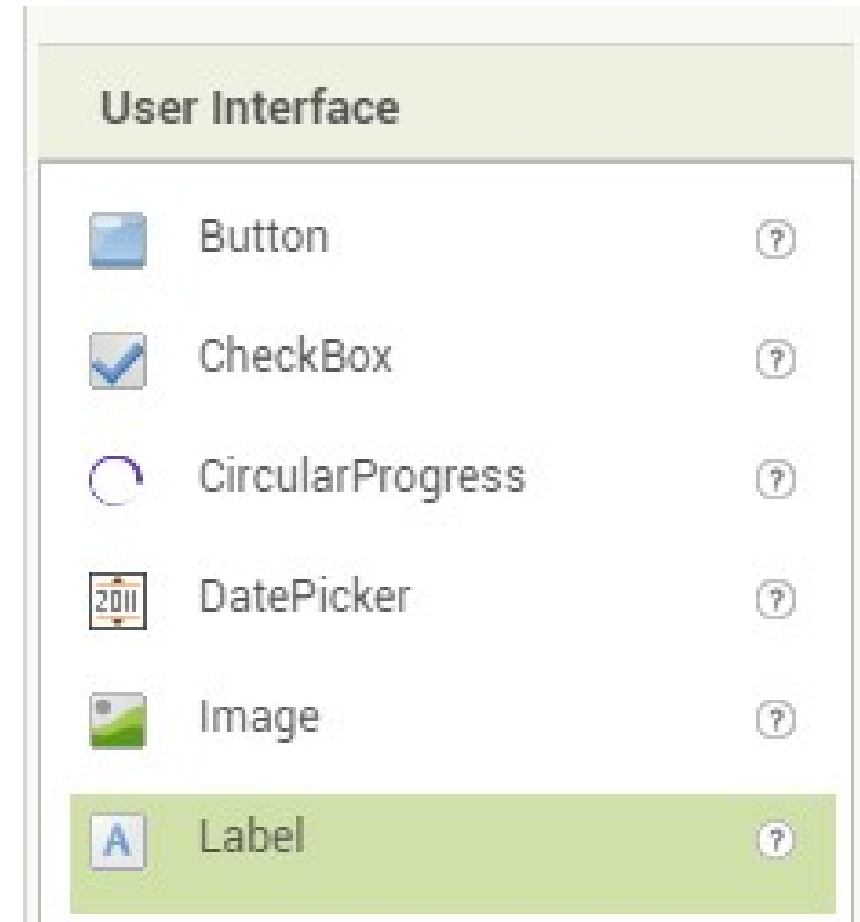
pixels

percent

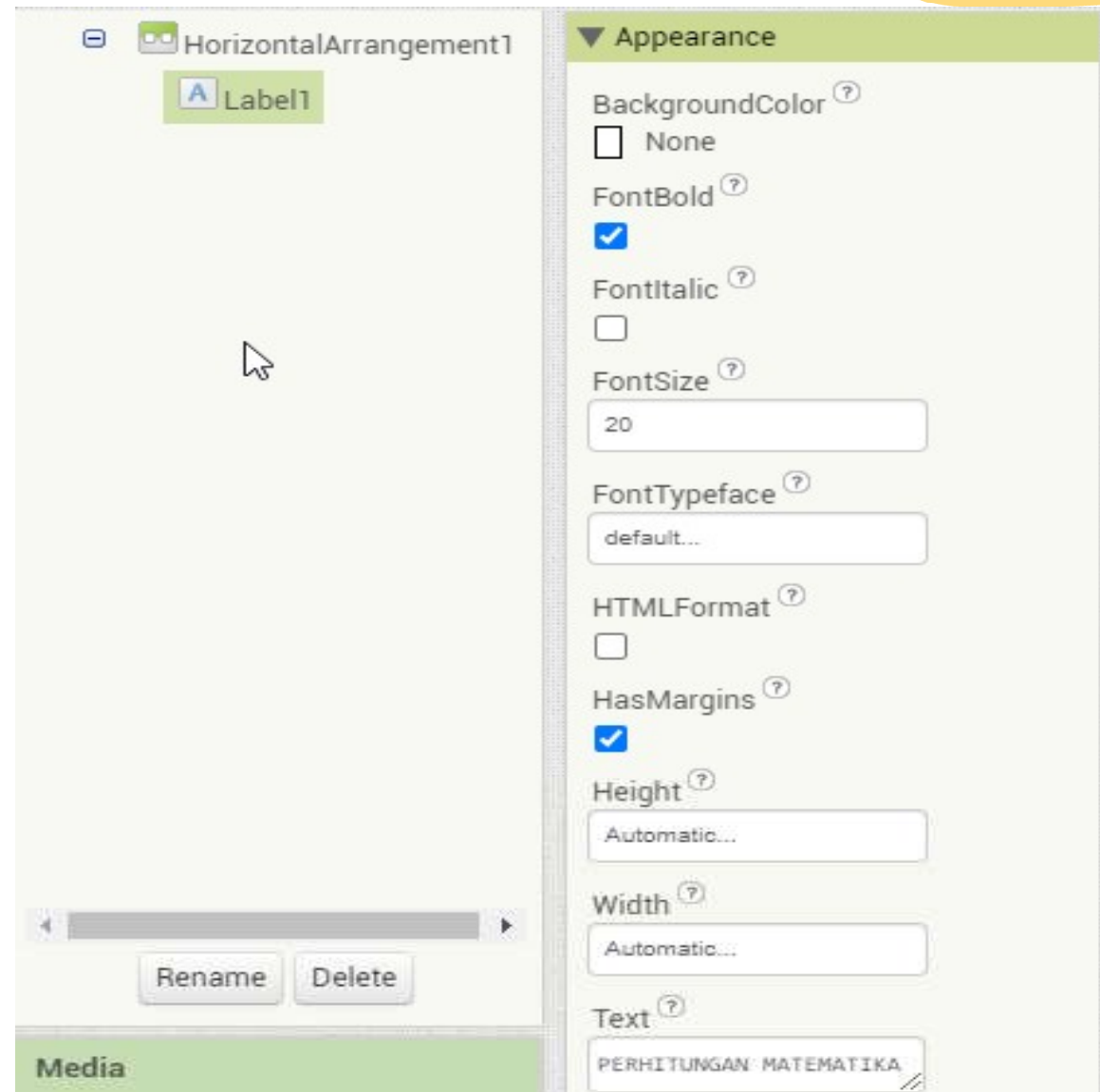
Cancel OK

MIT App Inventor

- **Label:** Untuk memasukkan angka untuk perhitungan.
- **Properties:**
 - Text: Kosongkan karena kita akan menampilkan hasil perhitungan di sini.
 - FontSize: Atur ukuran huruf agar hasil terlihat jelas.
 - TextAlignment: Center untuk menampilkan hasil di tengah label.



MIT App Inventor

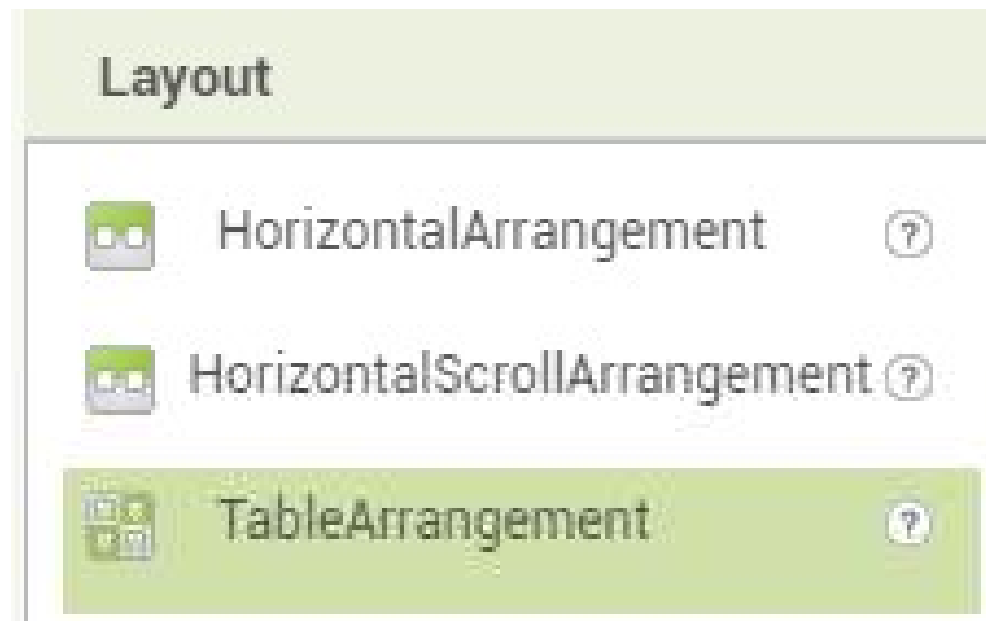


Next Step Slide Presentation

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Komponen ini memungkinkan menyusun elemen dalam format tabel (baris dan kolom), sehingga lebih rapi dan terstruktur.



MIT App Inventor



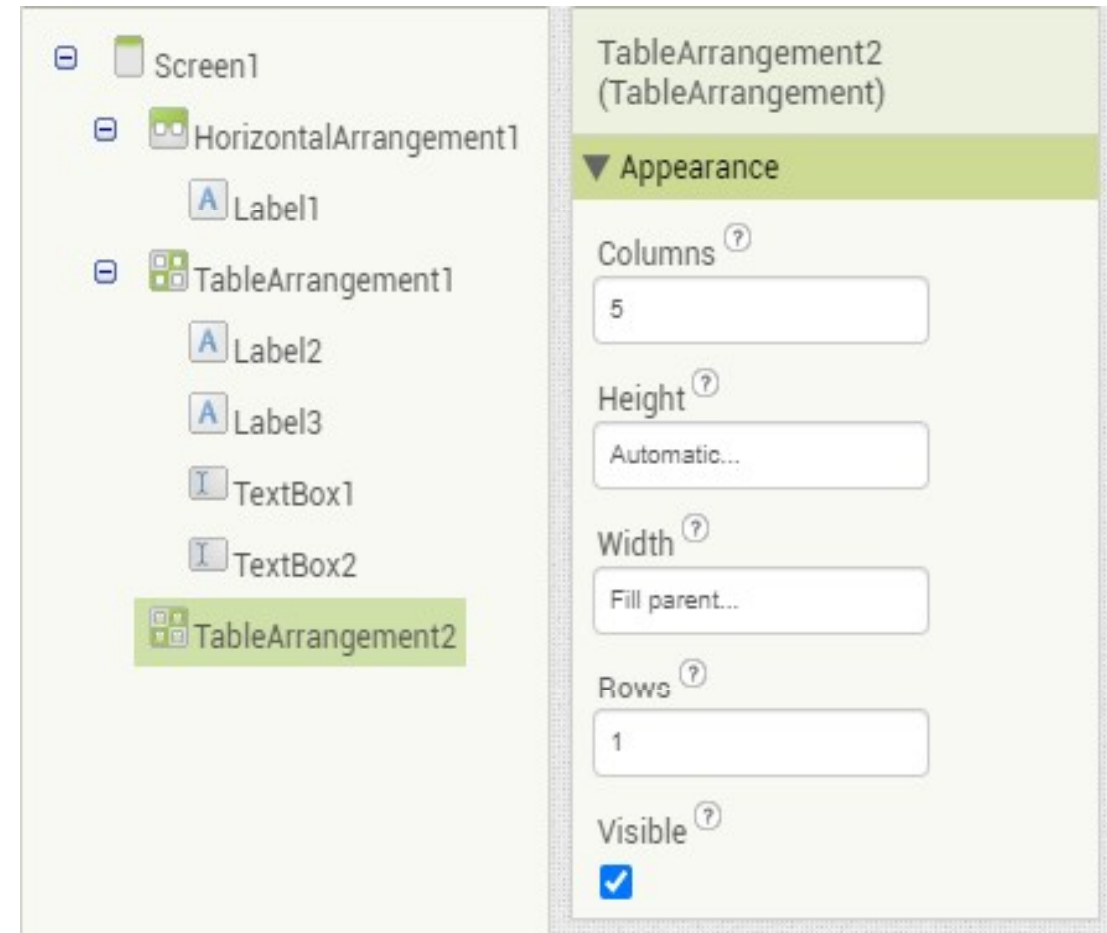
A screenshot of the MIT App Inventor interface. The Hierarchy pane on the left shows a tree structure: Screen1, HorizontalArrangement1, Label1, TableArrangement1 (highlighted), Label2, Label3, TextBox1, and TextBox2. The Properties pane on the right shows the properties for TableArrangement1 (TableArrangement). The Appearance section is expanded, showing: Columns (2), Height (Automatic...), Width (Fill parent...), Rows (2), and Visible (checked).

MIT App Inventor

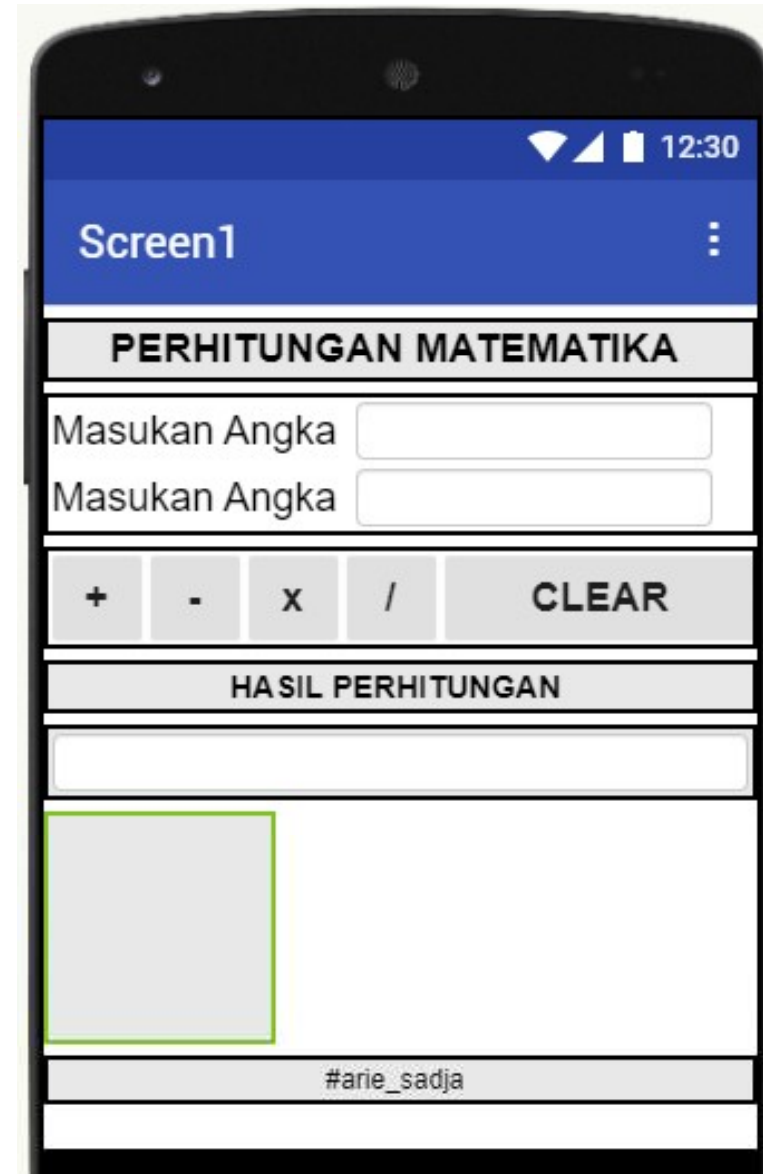


MIT App Inventor

Menu atau Tombol aksi untuk perhitungan matematika



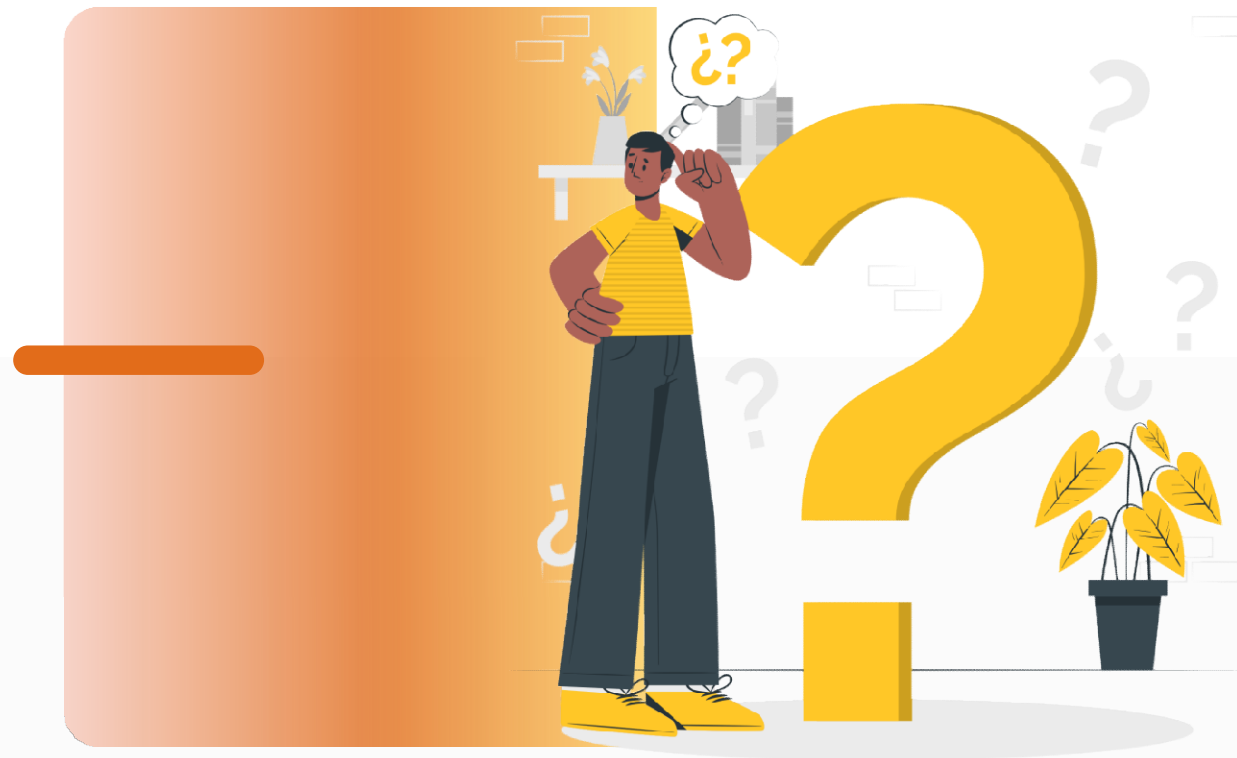
MIT App Inventor



Next Step Slide Presentation

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HALAMAN BLOCK

MIT App Inventor



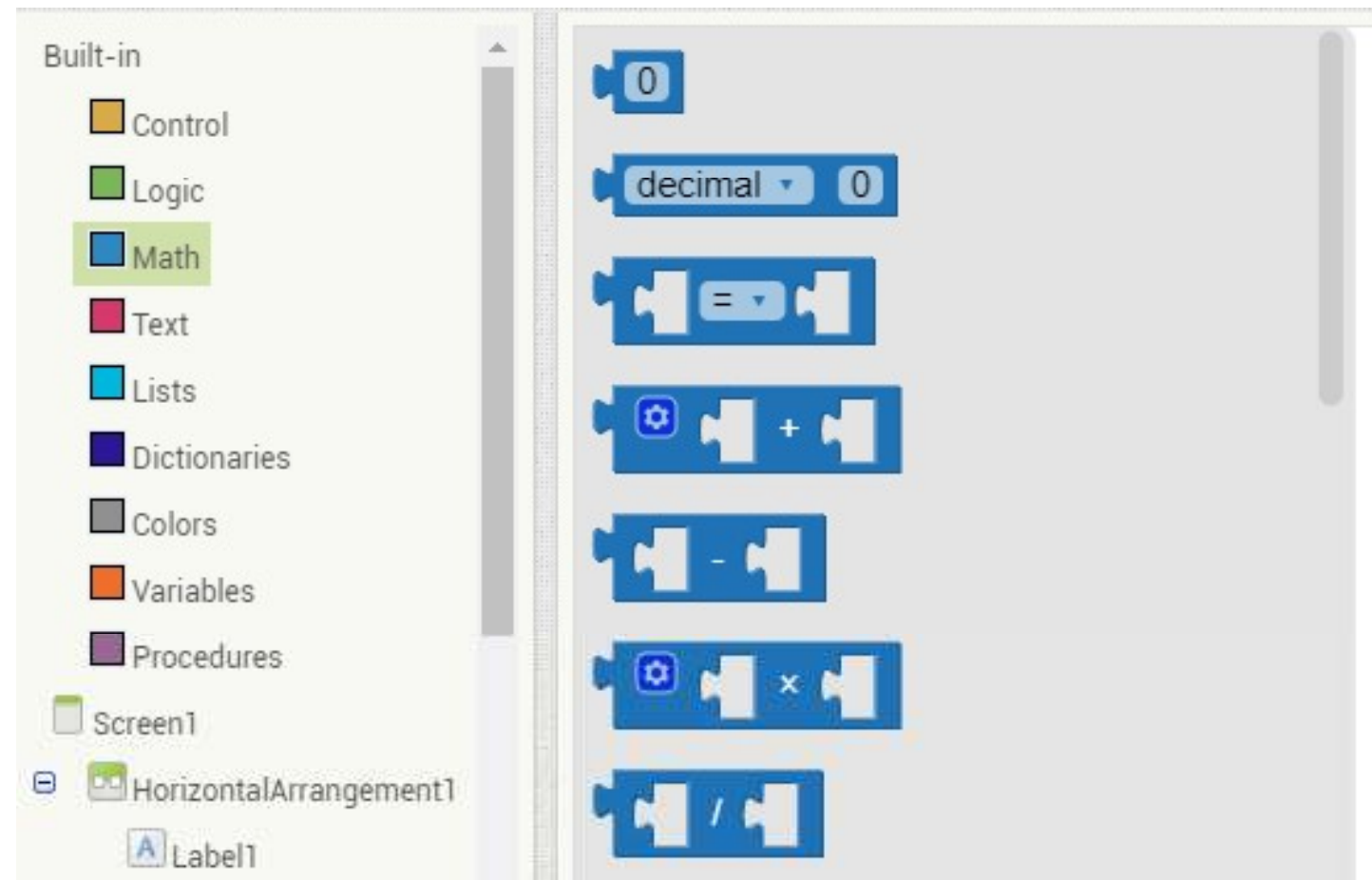
The screenshot displays the MIT App Inventor interface. On the left, a list of components is shown, with 'txtAngka1' selected. Below the list are 'Rename' and 'Delete' buttons. At the bottom left, there is a 'Media' section with a file 'coverKun...trait.jpg' and an 'Upload File ...' button. On the right, the properties panel is open, showing various settings for the selected component. The settings include:

- Default
- FontBold
- FontItalic
- FontSize: 20
- FontTypeface: default...
- Height: Automatic...
- Width: Automatic...
- Hint: Hint for TextBox1
- HintColor: Default
- TextAlignment: left: 0
- TextColor: Default

Next Step Slide Presentation

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Kode Program Penjumlahan

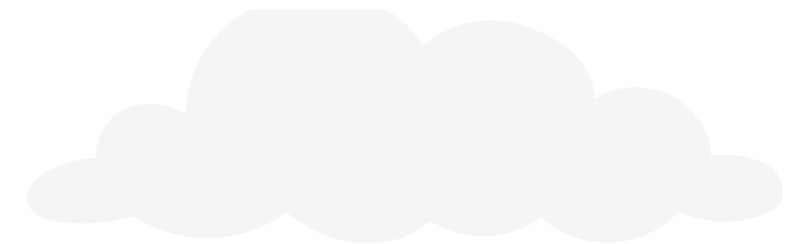
```
when tbtambah .Click
do set txtHasil .Text to [txtAngka1 .Text + txtAngka2 .Text]
```

MIT App Inventor



Kode Program Pengurangan

```
when tblkurang .Click  
do set txtHasil .Text to txtAngka1 .Text - txtAngka2 .Text
```



MIT App Inventor



Kode Program Perkalian

```
when tblkali .Click  
do set txtHasil .Text to [txtAngka1 .Text] × [txtAngka2 .Text]
```

MIT App Inventor



Kode Program Pembagian

```
when tlblagi .Click  
do set txtHasil .Text to txtAngka1 .Text / txtAngka2 .Text
```

MIT App Inventor



Kode Program Pembagian

```
when tlblagi .Click  
do set txtHasil .Text to txtAngka1 .Text / txtAngka2 .Text
```

MIT App Inventor

Kode Program Bersihkan

```
when tbclear .Click  
do  
  set txtHasil .Text to "0"  
  set txtAngka1 .Text to "0"  
  set txtAngka2 .Text to "0"
```

MIT App Inventor

"Belajar pemrograman adalah belajar untuk menciptakan dan memecahkan masalah. Setiap blok yang kamu bangun, kamu sedang merancang solusi untuk masa depan."



MOBILE APPLICATION DEVELOPMENT



**SEKIAN
TERIMAKASIH**