



Andhra Pradesh State Skill Development Corporation



MIT App Inventor

**Creating an app for Signup and login
in MIT App Inventor**



Registration and Login

Aim:

Creating Signup and Login pages and register users into the database.

Components:

- Screen
- Button
- Textbox
- Horizontal Arrangement

Screen:

Top-level component containing all other components in the program.

Button:

Buttons are components that users touch to perform some action in your app. Buttons detect when users tap them. Many aspects of a button's appearance can be changed. You can use the Enabled property to choose whether a button can be tapped.

Textbox:

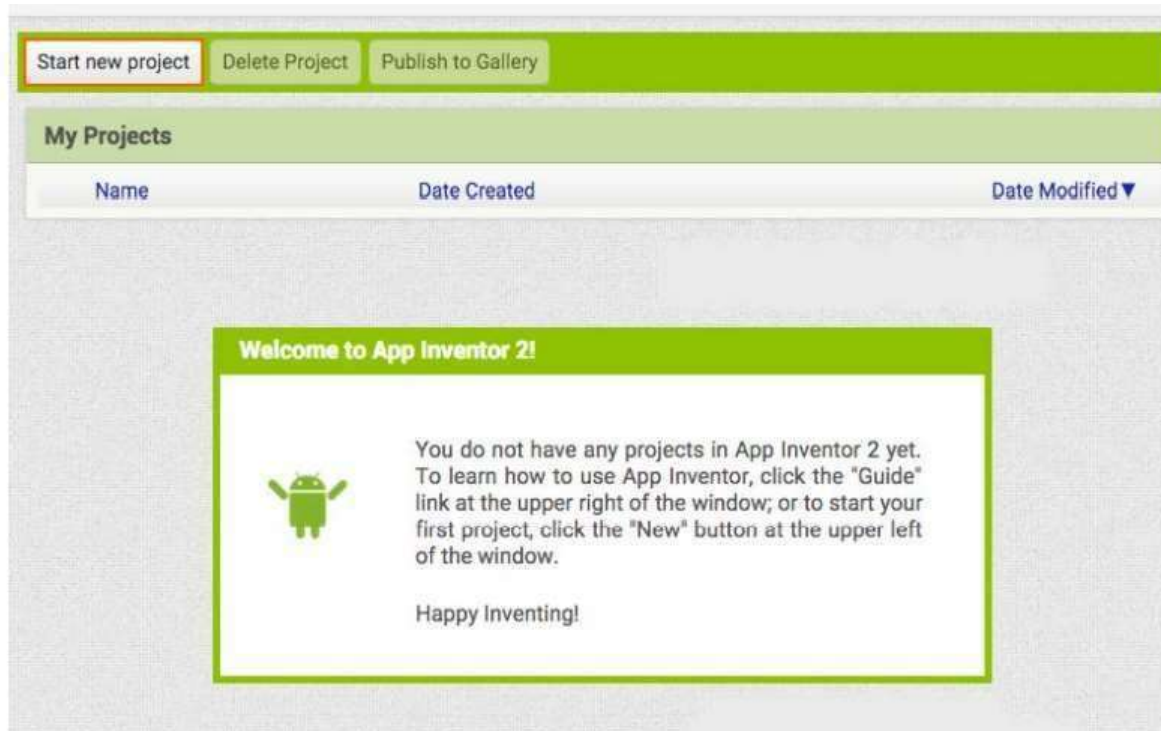
Users enter text in a text box component. The initial or user-entered text value in a text box component is in the Text property. If Text is blank, you can use the Hint property to provide the user with a suggestion of what to type. The Hint appears as faint text in the box.

Horizontal Arrangement:

Use a horizontal arrangement component to display a group of components laid out from left to right. This component is a formatting element in which you place components that should be displayed from left to right.

Designer Part:

If you don't have any projects created in App Inventor, you will land in the Projects View. Start a new project by clicking the "Start new project" button.



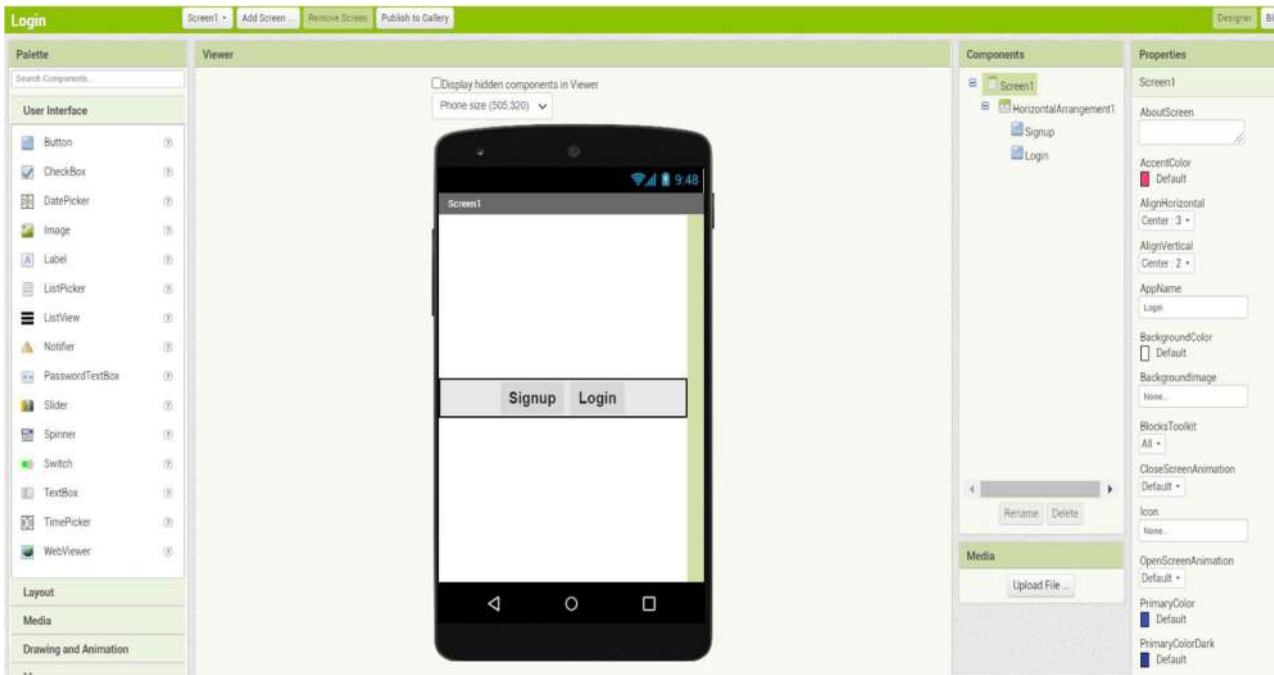
Name the project "Login" (no spaces)

Type in the project name (underscores are allowed, spaces are not) and click OK.

The "Designer" is where you create the Graphical User Interface (GUI) or the look and feel of your app. You choose components like Buttons, Horizontal Arrangement, and Text boxes, and functionalities like GPS.

Add Buttons: -

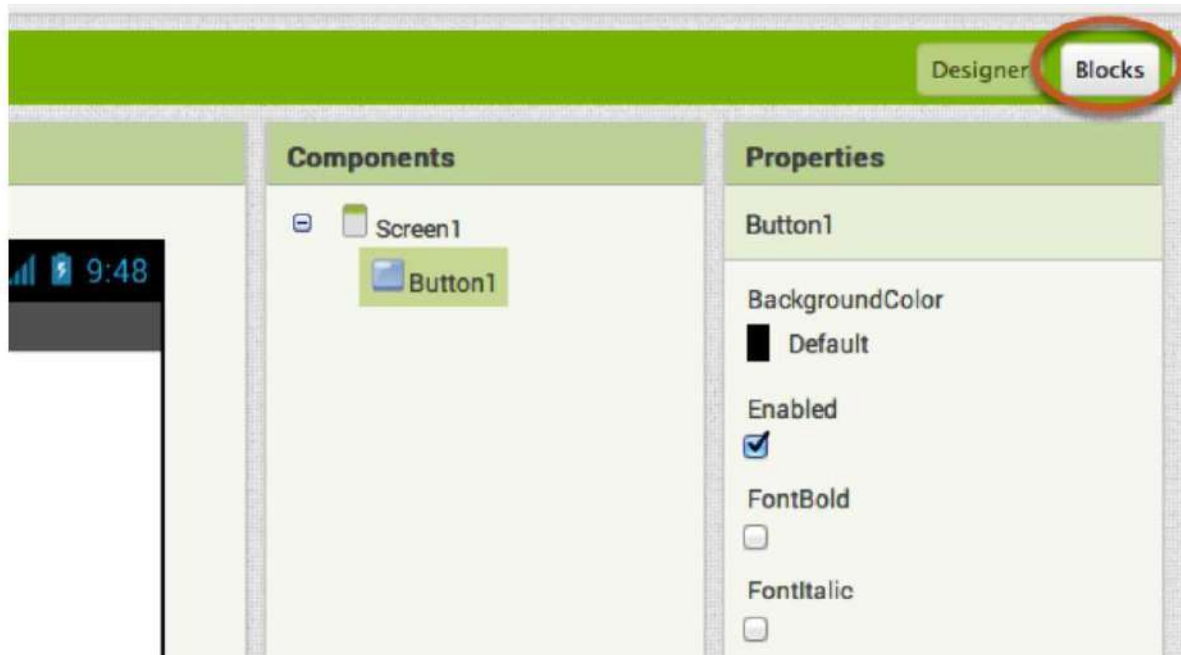
Click and hold on the word "Button" in the Palette. Drag your mouse over to the Viewer. Release the mouse. A new button will appear on the Viewer. And after dropped buttons we need to rename as per our convenient. Here we renamed first button as Signup and for second one given name as Login.



Blocks Part:

Switch over to the Blocks Editor:

It's time to tell your app what to do. The Blocks Editor is where you program the behaviour of your app. Click the button "Blocks" to move over to the Blocks Editor. You will often toggle between the Designer and Blocks Editor as you develop apps.



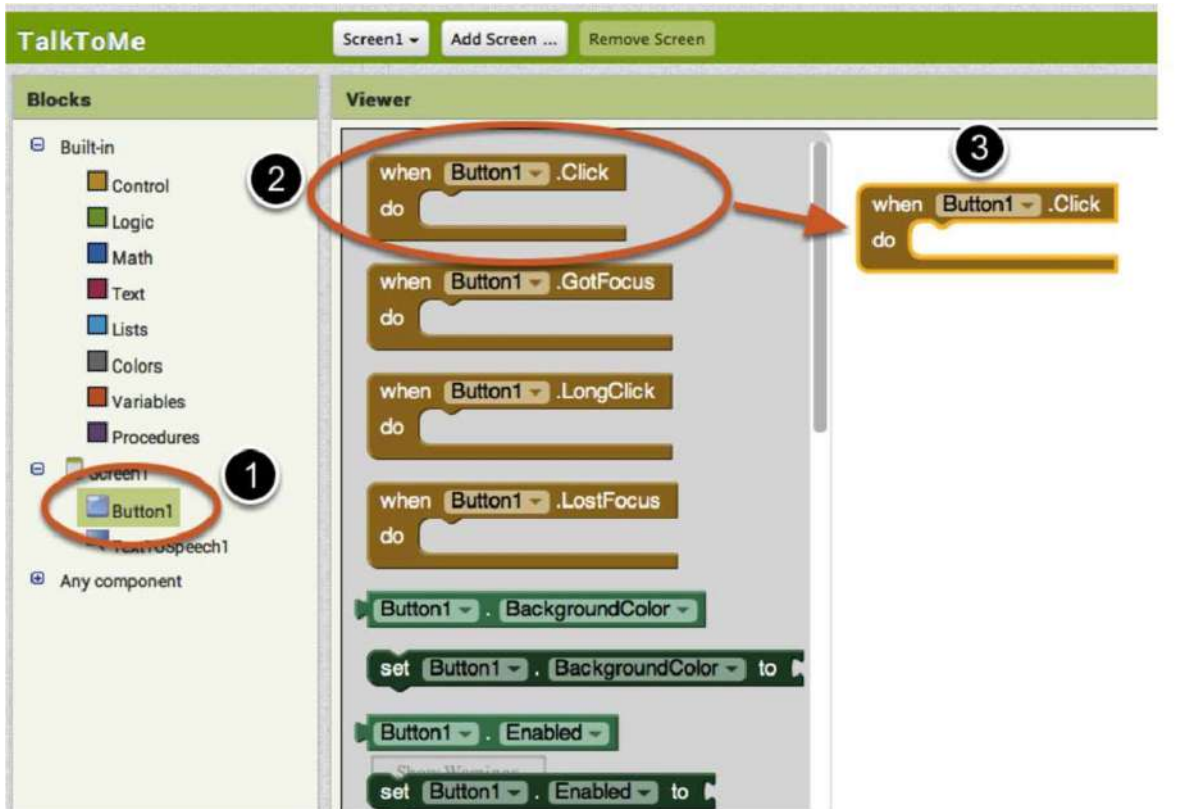
Blocks Editor: -

There are Built-in blocks that handle things like math, logic, and text. Below that are the blocks that go with each of the components you add to your app. In order to get the blocks for a certain component to show up in the Blocks Editor, you first add that component to your app in the Designer.



Make a button click event: -

Click on the Button1 drawer. Click and hold the when Button1.Click event block. Drag it over to the Viewer and drop it there. This block will launch when the button on your app is clicked. It is called an "Event Handler".



After taking blocks part we added open another screen component and renamed as Signup. For second one given Login as per below picture.





Output:



[Signup](#) [Login](#)

When you open the application the firstly it displayed as above picture. And there we have two buttons where one is signup and second one is Login.

After when we click on signup button the output will come as below picture.



Name	<input type="text"/>
User name	<input type="text"/>
Password	<input type="password"/>
Email	<input type="text"/>
Mobile	<input type="text"/>
	<input type="button" value="Register"/>





Signup

Name	Nandini
User name	130663
Password	Nandini123
Email	nandini44@gmail.com
Mobile	45213989
<input type="button" value="Register"/>	

After filling details as above the message will come like the below picture.

In the above picture we set details boxes as Name which is user's name, User name used for login as user id, Password for security purpose, Email and Mobile number of users. These are the user's details and last one is Register button. After click on the register button, it just displays a message like below picture.



Registration Is Successful



After registered we will get the page like below

[home](#)

Welcome130663

[Get Details](#)

[Logout](#)

If you need your details what have given you just click on get details button the your details came like below picture.

[home](#)

Nandini

130663

Nandini123

nandini44@gmail.com

45213989

[Get Details](#)

[Logout](#)



If need to logout you can click on Logout button.

Conclusion:

We are entering the text into the text box as you can see in the above picture. After entering details in Signup form it displays Registration Is Successful. And after click on Login button it is asking Username and Password.



THANK YOU