let's make

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Feal. Ed: share (Mag/type-id/category-craft/channel-leather/) Leather (/tag/type-id/category-craft/channel-leather/)

//tan/tyne-id/category-outside/channel-camping/) Camping //tan/tyne-id/category-outside/channel-camping/) off JSB 3.0

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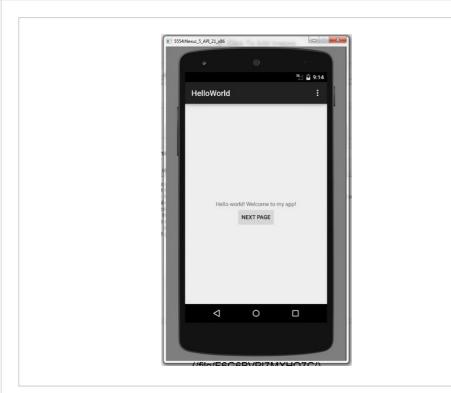
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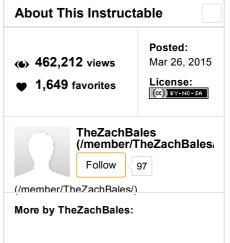


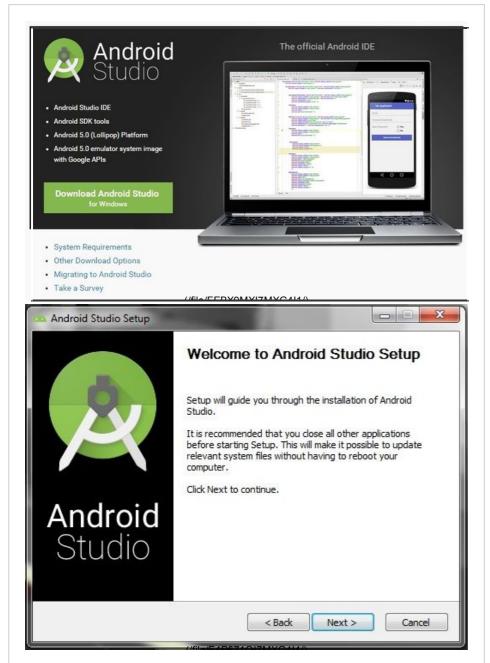


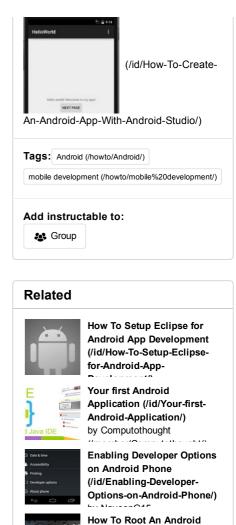
This tutorial will teach you the basics of how to build an Android app using the Android Studio development environment. As Android devices become increasingly more common, demand for new apps will only increase. Android Studio is an easy to use (and free) development environment to learn on. It's best if one has a working knowledge of the Java programming language for this tutorial because it is the language used by Android. There won't be much code used in this tutorial, so I will assume that you know enough Java to understand or are willing to look up what you don't know. This will take roughly 30-60 minutes, depending on how quickly you are able to download and install Android Studio. After using this tutorial to create your first Android app, you'll be well on your way to a fun new hobby or possibly even a promising career in mobile development.











Device (/id/How-To-Root-An-

Google Maps API for Android (/id/Google-Maps-API-for-

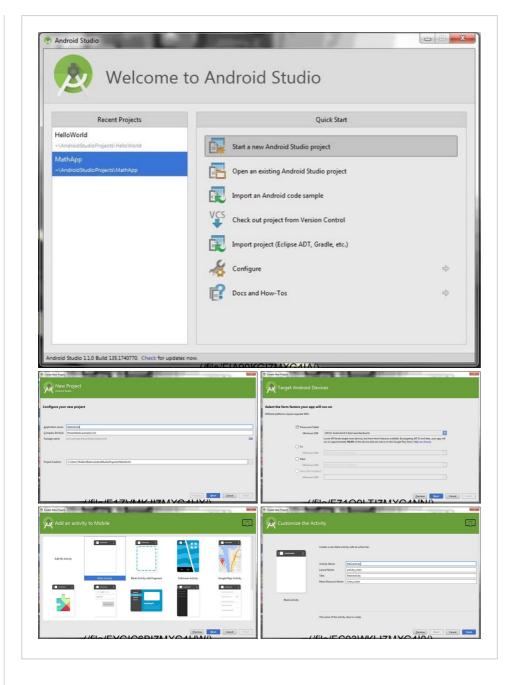
Android-Device/)

by AshishA5

Android/) by zanderieux

- Go to http://developer.android.com/sdk/index.html (http://developer.android.com/sdk/index.html) to download Android Studio.
- 2. Use the installer to install Android Studio following its instructions.

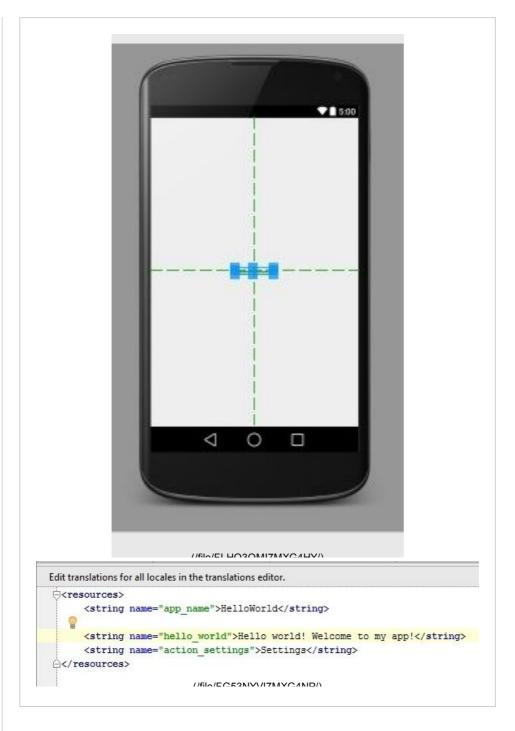
Step 2: Open a New Project



- 1. Open Android Studio.
- 2. Under the "Quick Start" menu, select "Start a new Android Studio project."
- 3. On the "Create New Project" window that opens, name your project "HelloWorld".
- 4. If you choose to, set the company name as desired*.
- 5. Note where the project file location is and change it if desired.
- 6. Click "Next."
- 7. Make sure on that "Phone and Tablet" is the only box that is checked.
- 8. If you are planning to test the app on your phone, make sure the minimum SDK is below your phone's operating system level.
- 9. Click "Next."
- 10. Select "Blank Activity."
- 11. Click "Next."
- 12. Leave all of the Activity name fields as they are.
- 13. Click "Finish."

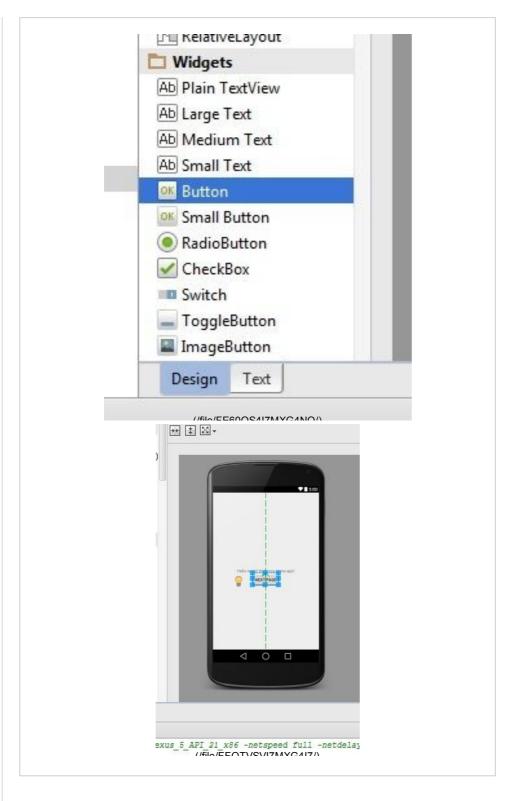
*Note: It is typical naming convention in Android projects to set the company name as some form of "example.name.here.com".

Step 3: Edit the Welcome Message in the Main Activity



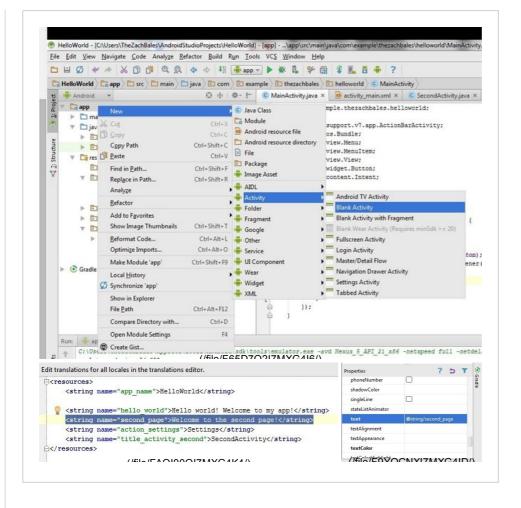
- 1. Navigate to the activity_main.xml tab if it is not already open.
- 2. Make sure that the Design tab is open on the activity_main.xml display.
- 3. Click and drag the "Hello, world!" from the upper left corner of the phone display to the center of the screen.
- 4. In the project file system on the left side of the window, open the values folder.
- 5. In the values folder, double-click the strings.xml file.
- 6. In this file, find the line "Hello world!".
- 7. After the "Hello world!" message, add "Welcome to my app!"
- 8. Navigate back to the activity_main.xml tab.
- 9. Make sure that your centered text now reads "Hello world! Welcome to my app!"

Step 4: Add a Button to the Main Activity



- 1. Navigate to the Design tab of the activity_main.xml display.
- 2. In the Palette menu to the left of the phone display, find Button (under the heading Widgets).
- 3. Click and drag Button to be centered underneath your welcome message.
- 4. Make sure your button is still selected.
- 5. In the Properties menu (on the right side of the window), scroll down to find the field for "text."
- 6. Change the text from "New Button" to "Next Page."

Step 5: Create a Second Activity



- 1. At the top of the project's file system tree, right click on "app."
- 2. Navigate through to New > Activity > Blank Activity.
- 3. Change the name of this activity to "SecondActivity".
- 4. Click "Finish."
- 5. Make sure you are in the Design view of activity_second.xml.
- 6. Drag the text box in the upper left of the phone display down to the center as you did on the Main Activity.
- 7. With the text box still selected, find the "id" field in the Properties menu on the right, and set it to "text2".
- 8. Open strings.xml again.
- 9. Add a new line under "Hello world! Welcome to my app!" that reads "Welcome to the second page!".
- 10. Navigate back to activity second.xml.
- 11. Select the text box again.
- 12. In the Properties pane, set the "text" field to "@string/second_page".
- 13. Make sure that the text box now reads "Welcome to the second page!" and is in the center of the screen in the phone display.

Step 6: Write the Button's "onClick" Method

```
Button button = (Button) findViewById(R.id.button);
button.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        goToSecondActivity();
    }
};

private void goToSecondActivity()
{
    Intent intent = new Intent(this, SecondActivity.class);
    startActivity(intent);
}

//ELO/EL/ORCTOITANYCAID/)

Button button.button.button

| Simport android.support.v7.app.ActionBarActivity;
| import android.support.v7.app.Acti
```

- 1. Select the MainActivity.java tab along the top of the work environment.
- 2. Add the following lines of code at the end of the onCreate method:

```
Button button = (Button) findViewById(R.id.button);
button.setOnClickListener(new View.onClickListener() {
@Override
public void onClick(View v) {
goToSecondActivity();
}
});
```

3. Add the following method to the bottom of the MainActivity class:

private void goToSecondActivity() {
Intent intent = new Intent(this, SecondActivity.class);
startActivity(intent);

4. Click the + next to import at the third line of MainActivity.java to expand the import statements.

5. Add the following to the end of the import statements if they are not already there:

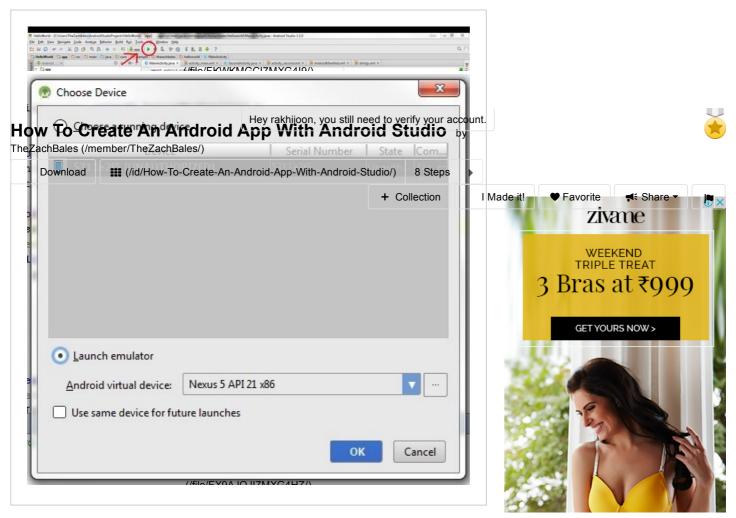
import android.content.Intent;

import android.view.View;

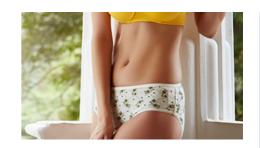
}

import android.widget.TextView;

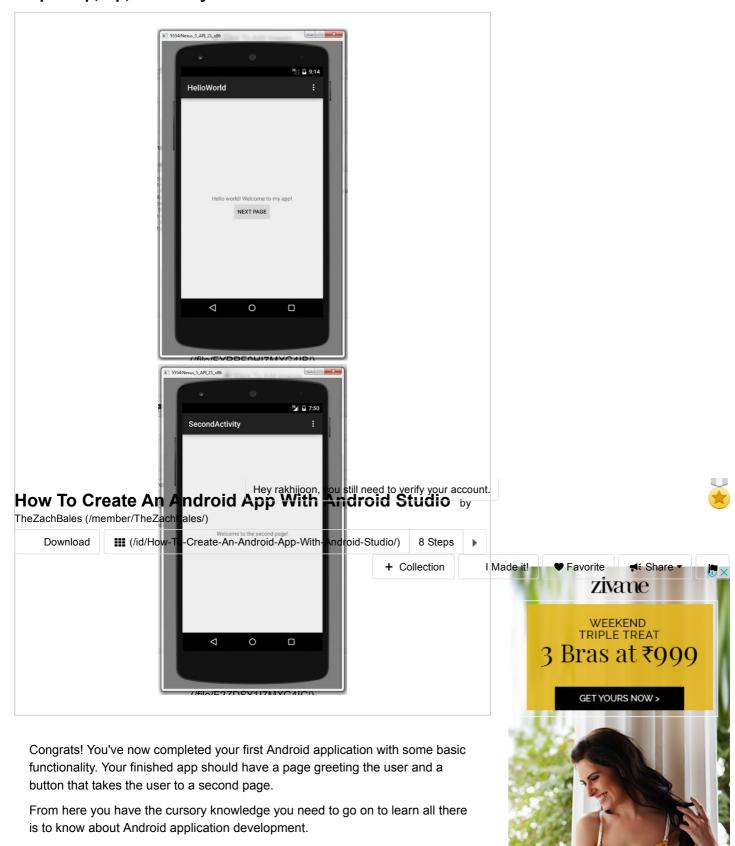
Step 7: Test the Application

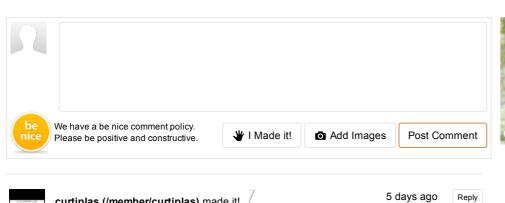


- Click the green play symbol from the toolbar at the top of the Android Studio window.
- 2. When the "Choose Device" dialog apperas (this may take a few moments), select the "Lauch emulator" option.
- 3. Click OK.
- 4. When the emulator opens (this too could take awhile), the app will automatically launch the app upon the virtual phone being unlocked.
- 5. Make sure that all of your text displays correctly and that the button takes you to the next page.



Step 8: Up, Up, and Away!









curtiplas (/member/curtiplas) made it!

Super easy.... don't really need to know java to do this, but it helps to know java to actually understand developing.



(https://cdn.instructables.com/FS7/1VPY/IRXSZ6OX/FS71VPYIRXSZ6OX.LARGE.jpg)

Flag



ChandanK64 (/member/ChandanK64)

7 days ago

Click and drag the "Hello, world!" from the upper left corner of the phone display to the center of the screen. how to do this? can somebody help me with the associated pic?

Flag



curtiplas (/member/curtiplas) ► ChandanK64 (/member/ChandanK64)

Reply

Open the activity_main.xml and toggle the Design tab at the bottom (see image)

5 days ago

How To Create An Android App With Android Studio by

TheZachBales (/member/TheZachBales/)

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(/id/How-To-Create-An-Android-App-With-Android-Studio/)

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Reply



AnjanRhudra (/member/AnjanRhudra)

2 months ago

hi,

can you resolve my issue? I still have 9 errors and two warnings.

or can you give me your code?

Thanks



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Flag



MadhuS27 (/member/MadhuS27) ► AnjanRhudra (/member/AnjanRhudra)

Reply

Did you get how to correct that? I have the same problem

16 days ago

Flag



HarshulS (/member/HarshulS)

2 months ago

Reply

i did not understand how to open the strings.xml page

Flag



MichaelC628 (/member/MichaelC628) ▶ HarshulS (/member/HarshulS)

Reply

HarshulS - the strings.xml page can be found in the following 2 months ago

"project_name"\app\src\main\res\values\strings.xml

To open it, just double click it in the left pane of Android Studio.

Hope this helps.

Flag



OjoeMDC (/member/OjoeMDC) • MichaelC628 (/member/MichaelC628)

Reply

Opening that does not change centered text for me

24 days ago

I only had one line of code in there (other than <resources></resources> and it was <string name="app_name">Hello World!</string>

Do I have to add the others? Because I tried that and it still didn't change the centered text.

How To Create An Android App With Android Studio by Flag

TheZachBales (/member/TheZachBales/)

Dpwnlgad Joshua 102 (member Joshua 102) Poshua 102 (member Joshua 102)

When I add the "Welcome to my app!" text, nothing changes in ให้lection

activity main.xml tab

Flag



OjoeMDC (/member/OjoeMDC) ▶ JoshuaR102 (/member/JoshuaR102)

Reply 24 days ago

Something changes for me but it isnt the cnetered text :/

Flag



MichaelC628 (/member/MichaelC628) ➤ JoshuaR102 (/member/JoshuaR102)

Joshua - can you screen-shot your change so I have $^{2\ months}$ ago some context to work with?

Reply





SergioC94 (/member/SergioC94) ➤ JoshuaR102 (/member/JoshuaR102)



Android Studio has the Designer View just search for 3 months ago the "text" propertie and change it to "Welcome to my app"

Flag

Reply



KomalG3 (/member/KomalG3) made it!

a month ago

what to do now can anyone tell



(https://cdn.instructables.com/F5A/ZDOI/IQYSYEDU/F5AZDOIIQYSYEDU.LARGE.jpg)

Flag



Knut H.F (/member/Knut H.F) ➤ KomalG3 (/member/KomalG3)

You have stated that you want to code on Prolog somewhere - a month ago and since Studio pulls up the standard settings: Java + XML you get an error message. Delete in all, and start over, and this time in your preferences - do not write anything.

Flag



NishaNeethu (/member/NishaNeethu)

a month ago

Reply

Thank you, soo much. It's really very helpful!!!

Flag



vysya (/member/vysya) made it!

a month ago

Reply

i get error in that (R.id)

in both of my main java program i get error. kindly reply to me ASAP. :(

How To Create An Android App With Android Studio by

(/member/TheZachBales/) TheZachBales

(http://www.instructables.com/files/orig/FWP/Z7VE/IQXDYED5/FWPZ7VEIQXDYED5.docx)

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DouglasH1 (/member/DouglasH1)

a year ago

First time trying, I think the only thing I had trouble with was the fact that I had to capitalise the O in onClickListener. Other than that, perfect first tutorial.

setOnClickListener

onClickListener should be OnClickListener

Flag



Fomenkof (/member/Fomenkof) ▶ DouglasH1 (/member/DouglasH1)

Reply

Thank you, so much!!!

9 months ago

Flag



zivane

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Favorite

JimS179 (/member/JimS179) ▶ Fomenkof (/member/Fomenkof)



yup-yup-Yup! ,,, me too. This took me a couple hours 2 months ago to identify until

I read this comment then it fixed me right and removed the red on this.

Thanks for buttoning it up DouglasH1

Over all great instructable. I learned!



100

raser13 (/member/raser13)

3 months ago

ago Reply

Hi, could you tell me please, What language is used to describe activities in Android Studio????

Flag



MichaelC628 (/member/MichaelC628) ▶ raser13 (/member/raser13)

Reply

2 months ago

There are multiple languages involved while developing Android apps raser13,

xml is used for setting up the environment (i.e. layouts, formatting etc..) and java is the main "backbone" language that drives the apps as it supports multi-threading and OOP. Does this help?

Flag



MichaelC628 (/member/MichaelC628)

2 months ago

Reply

It is only 'hearsay" at this point - but I have heard that you can't directly port apps from android to apple. I understand the basic differences between say iOS and WIN64 so I assume that this has something to do with it... but is there something more to it?

Thanks -

Mike

Flag



WasiA2 (/member/WasiA2)

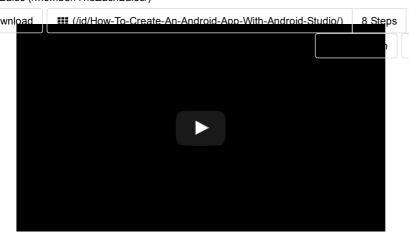
2 months ago

Reply

I also started learning how to use android studio and on the same time making videos to help ppl like me who want to create apps in a easy way.

c my video for beginning ur app andey rakhijoon, you still need to verify your account. How To Create An Android App With Android Studio by TheZachBales (Microschy) GdAo (https://youtu.be/WBTRofvGdAo) and output





for steps visit website:

https://crack-education.blogspot.in/2016/06/microsoftinternetexplorer4-0-2.html#more



MateuszZ9 (/member/MateuszZ9) made it!

3 months ago

Reply

I am a total noob of programming (don't know why I choose IT university...) and I made it! I had researching a lot of websites about tutorial about second activity and I always had errors in code. Thank you! I changed language and backgrounds.





(https://cdn.instructables.com/F16/LT72/IOZZFD50/F16LT72IOZZFD50.LARGE.jpg)

Flag



SelecktaH (/member/SelecktaH)

3 months ago

Reply

please how i create an app one my android mobile phone please help me .you can help me and send me more info on my whats number please (+256777815827) thnxx

Flag



FreePvp (/member/FreePvp)

3 months ago

Reply

Will be doing this! Thanks :D

Flag



SiddharthP127 (/member/SiddharthP127)

3 months ago

Reply

You can learn android programming online here: https://www.udacity.com/course/developing-android-... (https://www.udacity.com/course/developing-android-apps--ud853) you should know java for that ...

Flag



To Create An Android App With Android

The Zach Bale bown can be makezaca pales r) and roid that will let me touch the icon and lock the

phone or tablet can i use the same code?

Download | ### (/id/How-To-Create-An-Android-App-With-Android-Studio/)

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Reply



AvinashB15 (/member/AvinashB15) made it!

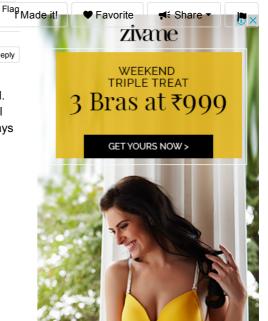
5 months ago

I have been following instructables from a long time and its been very helpful. Tried to switch to And. Studio from eclipse with the help of this tutoral, but still feel Studio is very CPU intensive and eclipse was simpler to develop. Anyways with the help of Instructables I have been able to develop my own app.

App Link: https://goo.gl/0o8m4v (https://goo.gl/0o8m4v)



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Flag

dadre (/member/dadre) ▶ AvinashB15 (/member/AvinashB15)

Reply

I think that your app is very awsome maybe we can work on a 4 months ago app together

Flag



MarcusC39 (/member/MarcusC39) → dadre (/member/dadre)

Reply

Help me create an app please

4 months ago

Flag



AvinashB15 (/member/AvinashB15) ▶ dadre (/member/dadre)

Reply

Thanks a lot. And sure we can work on an app together.

4 months ago

Flag



Download

Prince_JDD (/member/Prince_JDD) ➤ AvinashB15 (/member/AvinashB15)

ey man, checked out your program.. pretty nice. nice job.

4 months ago

Would love for you to help me create apps with android studio (been using

How To Create An Ar

TheZachBales (/member/TheZachBales/)

8 Steps







UpasanaN (/member/UpasanaN)

+ Collection 4 months ago





WEEKEND TRIPLE TREAT Bras at ₹999

GET YOURS NOW >

Thanks in advance

(https://cdn.instructables.com/F7T/GJ0A/IN2373OG/F7TGJ0AIN2373OG.LARGE.jpg)

As according to step 6,, there is no text coming on the left corner...need help!!

Flag



4 months ago

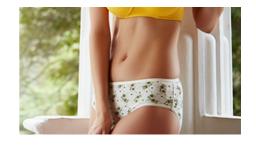
Reply



package

com.example.dg.helloworld;

import android.content.Intent;import android.os.Bundle;import android.support.design.widget.FloatingActionButton;import and roid. support. design. widget. Snackbar; importandroid.support.v7.app.ActionBarActivity;import android.support.v7.app.AppCompatActivity;import android.support.v7.widget.Toolbar;import android.view.View;import android.view.Menu; import android.view.MenuItem; import android.widget.Button;//import android.widget.TextView;



public class MainActivity extends ActionBarActivity {

private void goToSecondActivity() {

Intent intent = new Intent(this, SecondActivity.class);

startActivity(intent);

}

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity_main);

Toolbar toolbar = (Toolbar)

Hey rakhijoon, you still need to verify your account.

How Toir Created Am Android App With Android Studio by

TheZachBales (/member/TheZachBales/)

setSupportActionBar(toolbar);
Download ☐ (id/How-To-Create-An-Android-App-With-Android-Studio/)



+ Collection



Button button = (Button) findViewById(R.id.button); button.setOnClickListener(new View.OnClickListener() { @Override public void onClick(View v) { goToSecondActivity(); } *});*



FloatingActionButton fab =

```
(FloatingActionButton) findViewById(R.id.fab);
          fab.setOnClickListener(new View.OnClickListener() {
          @Override
          public void onClick(View view) {
          Snackbar.make(view,
          "Replace with your
          own action",
          Snackbar.LENGTH_LONG)
          .setAction("Action", null).show();
          }
          });
          }
          @Override
          public boolean onCreateOptionsMenu(Menu menu) {
          // Inflate the menu; this adds items to the action
          bar if it is present.getMenuInflater().inflate(R.menu.menu_main, menu);
          return true;
          }
          @Override
          public boolean onOptionsItemSelected(MenuItem item) {
          // Handle action bar item clicks here. The action
How To Oreate Am Android App With Android Studio by
The Zach Bald be in home who be then Bases long
     Download // iii (/id/How-To-Create-An-Android-App-With-Android-Studio/)
                                                                        8 Steps
          activity in AndroidManifest.xml.int id = item.getItemId();
                                                                                                              ⊀ Share
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                                                                                                       zivane
                                                                                                       WEEKEND
          //noinspection SimplifiableIfStatementif (id == R.id.action_settings) {
                                                                                                     TRIPLE TREAT
                                                                                                  Bras at ₹999
          return true;
          }
                                                                                                     GET YOURS NOW >
          return super.onOptionsItemSelected(item);
                                                                                  Flag
                                                                 10 months ago
                                                                                 Reply
        Gunal123 (/member/Gunal123) made it!
          I Made It!
```



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Flag



AbdoulayeN (/member/AbdoulayeN) ▶ Gunal123 (/member/Gunal123)

Reply

4 months ago

Could i have a look at your code? I would like to compare, because i think I have some mistakes with moine. thanks

Flag



Nostraquedeo (/member/Nostraquedeo)

6 months ago

Reply

step 3.4 you have to select the down carrot next to project and change to packages to see the values folder.

Flag



UpasanaN (/member/UpasanaN) ➤ Nostraquedeo (/member/Nostraquedeo)

5 months ago

thanks for tellin that its content_main_xml but again in 3.4 in values file hello_world did not appear...can u please help?

Flag



5 months ago Reply

How To Create An Android App With Android Studio by

The Zach Bale sa (name of treather the 2ta of the Bale is roll step ... i am dragging "hello world" but nothing is happening and on manually adding in string.xml it does not respond...what to Download do?

PLEASE HELP

+ Collection

I Made it!

Flag

Favorite **⊀** Share



SharmaineM2 (/member/SharmaineM2)

5 months ago

is this necessary to have an internet connection?

Flag

Reply



LovelyH1 (/member/LovelyH1)

5 months ago

Reply

wow it really work i am using this app for my website http://belazzy.com (http://belazzy.com)

tanks bro

Flag







ngoel2 (/member/ngoel2)

5 months ago

Reply

Now it is very connect and configure android studio with real time device. I learnt it from here. Its literally very easy:

http://www.androidtutorialpoint.com/basics/connect-configure-app-on-realandroid-device-and-run-hello-world-program-with-android-studio/



Nostraquedeo (/member/Nostraquedeo)

6 months ago

Reply

step 3.1 it is not activity main.xml but the content main.xml tab on top the lets you drag and drop the hello world text.

Flag



nurhafizah220 (/member/nurhafizah220) made it!

6 months ago

Reply

Can you assist me, why mine so many red font, is it wrong place? Appreciate your guidance.



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Flag



akimov (/member/akimov) ▶ nurhafizah220 (/member/nurhafizah220)

Reply

I hope this information will help you - the method OnClickListener() starts with "O" capital.

6 months ago

Flag

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TheZachBales (/member/TheZachBales/)

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(/id/How-To-Create-An-Android-App-With-Android-Studio/)

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