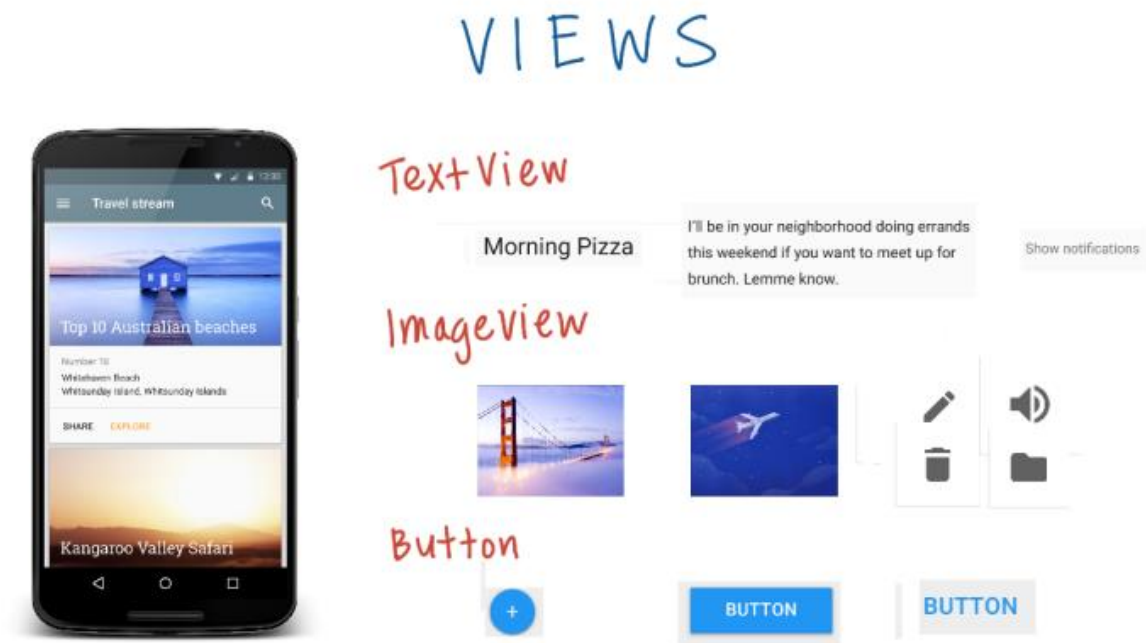# Introduction

Congratulations on taking the first step to learning Android! By the end of this course, you'll know how to make a single-screen Android app with text and images. We'll discuss how to create a user interface through a series of short videos with lots of hands-on practice.

Example Android Views

In the practice set, we'll walk through step-by-step how to create an app, like this birthday card, and show you how to run it on an Android device.

Birthday Card App

Then you'll have a chance to customize the card for a loved one for any special occasion coming up. When you look at your phone, how many apps were created specifically for you in mind? Creating a mobile app is a highly creative process, where adding a personal touch can truly make an app shine. To see heartwarming and funny cards created by students, check out the discussion forum.

In this course, you'll learn how to use Android Studio, the tool that professional developers use to create apps. Be sure that your computer meets the system requirements for Android Studio. The course will take about 3 - 5 hours of dedicated work, but it can widely vary per student, so take your time to learn the concepts.
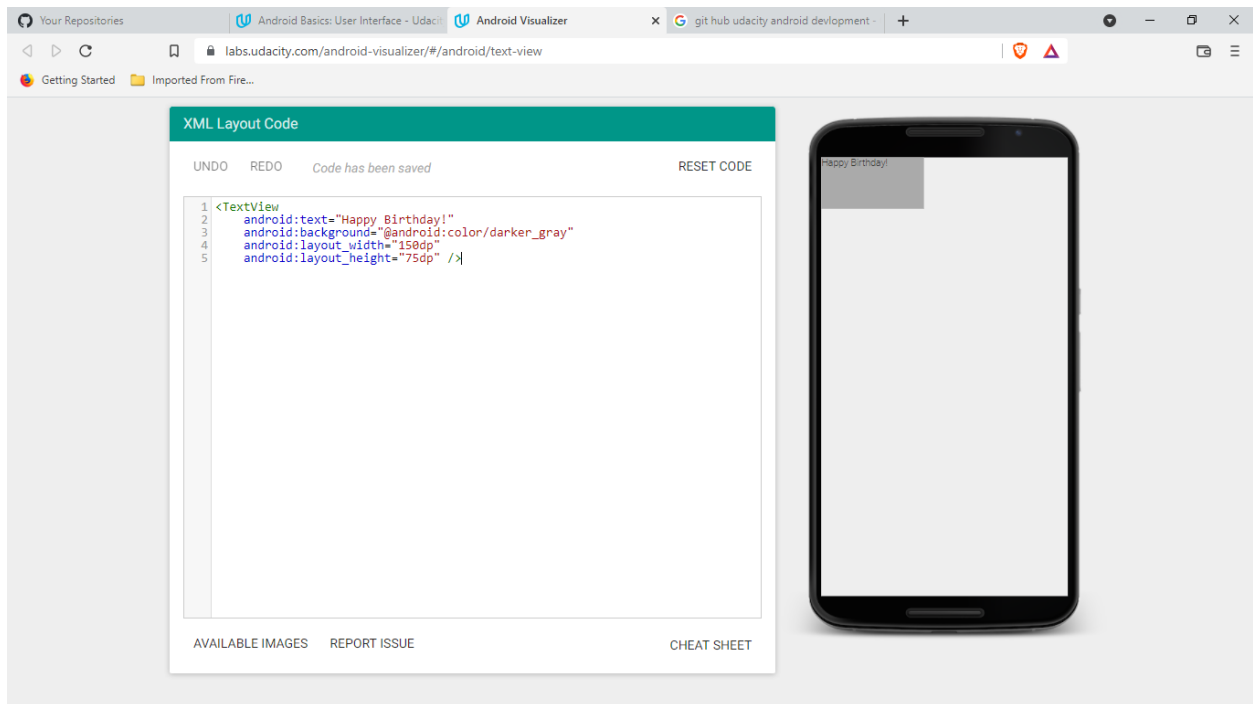
One last note about prerequisites. If you have no prior programming experience, then this course is for you. We'll assume that you already have basic computer skills and know how to use a smartphone.

We'll be your instructors guiding you through the course, and we can't wait to see what you create!
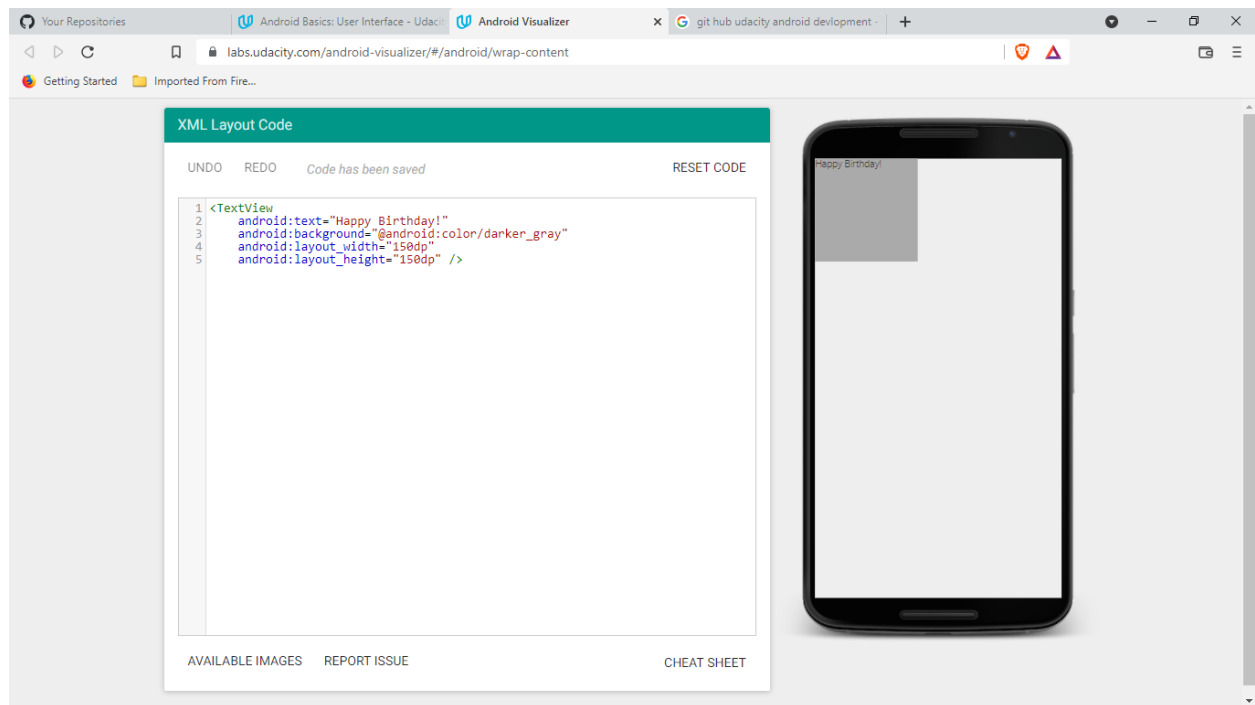
Quiz: Using a TextView

```xml
<TextView
    android:text="Happy Birthday!"
    android:background="@android:color/darker_gray"
    android:layout_width="150dp"
    android:layout_height="75dp" />
```
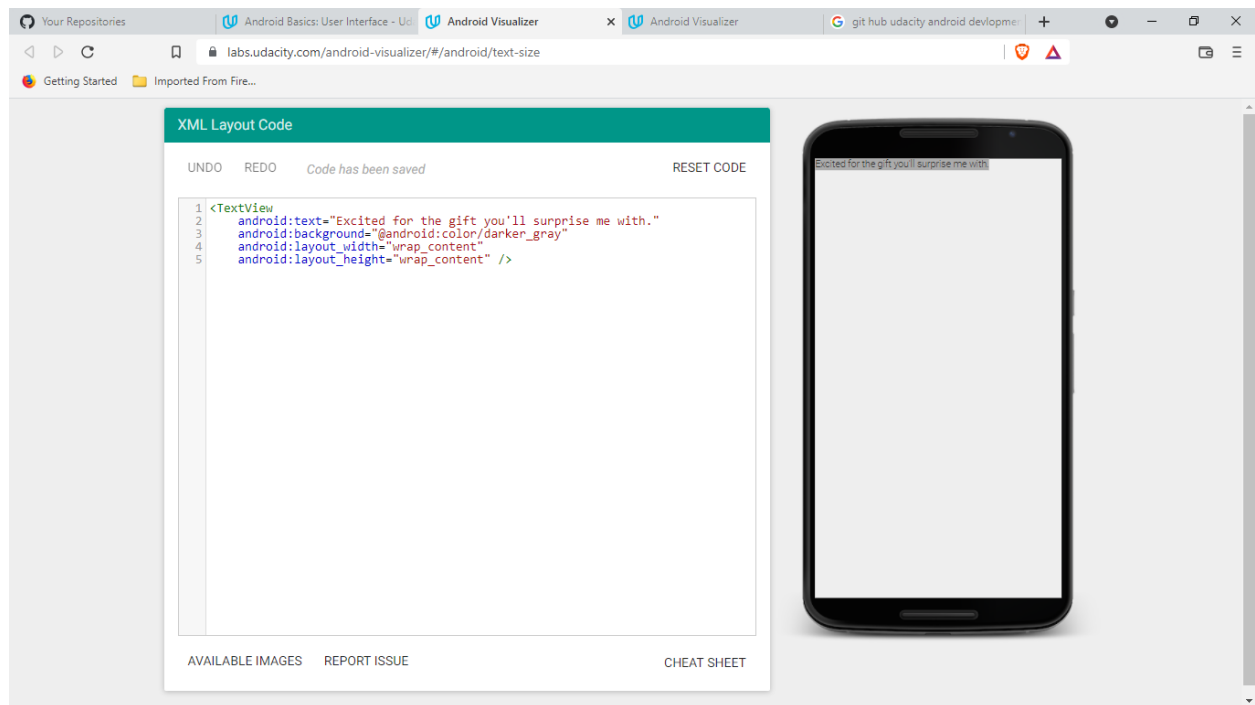
Change the TextView

Setting Wrap Content

labs.udacity.com/android-visualizer/#/android/wrap-content

Getting Started | Imported From Fire...

XML Layout Code

UNDO   REDO   *Code has been saved*   RESET CODE

```
1  <TextView
2      android:text="Happy_Birthday!"
3      android:background="@android:color/darker_gray"
4      android:layout_width="150dp"
5      android:layout_height="150dp" />
```

AVAILABLE IMAGES   REPORT ISSUE   CHEAT SHEET

Happy Birthday!

TextView Text Size

XML Layout Code

UNDO REDO *Code has been saved* RESET CODE

```
1  <TextView
2      android:text="Excited for the gift you'll surprise me with."
3      android:background="@android:color/darker_gray"
4      android:layout_width="wrap_content"
5      android:layout_height="wrap_content" />
```

AVAILABLE IMAGES REPORT ISSUE CHEAT SHEET

Excited for the gift you'll surprise me with

TextView Text Color

Simple ImageView