

## REPORT

### Codelab 3: Add and edit TextView elements

Subject: Desarrollo de Aplicaciones  
Moviles Nativas

Group : 7CV1

Student : Julio Cesar Hernández Reyes

Teacher : Velez Saldaña Ulises



## 1. Introduction

This practical shows how to work with multiple TextView elements, including one in which the user can scroll its contents vertically.

<https://developer.android.com/codelabs/android-training-text-and-scrolling-0>

What i'll learn:

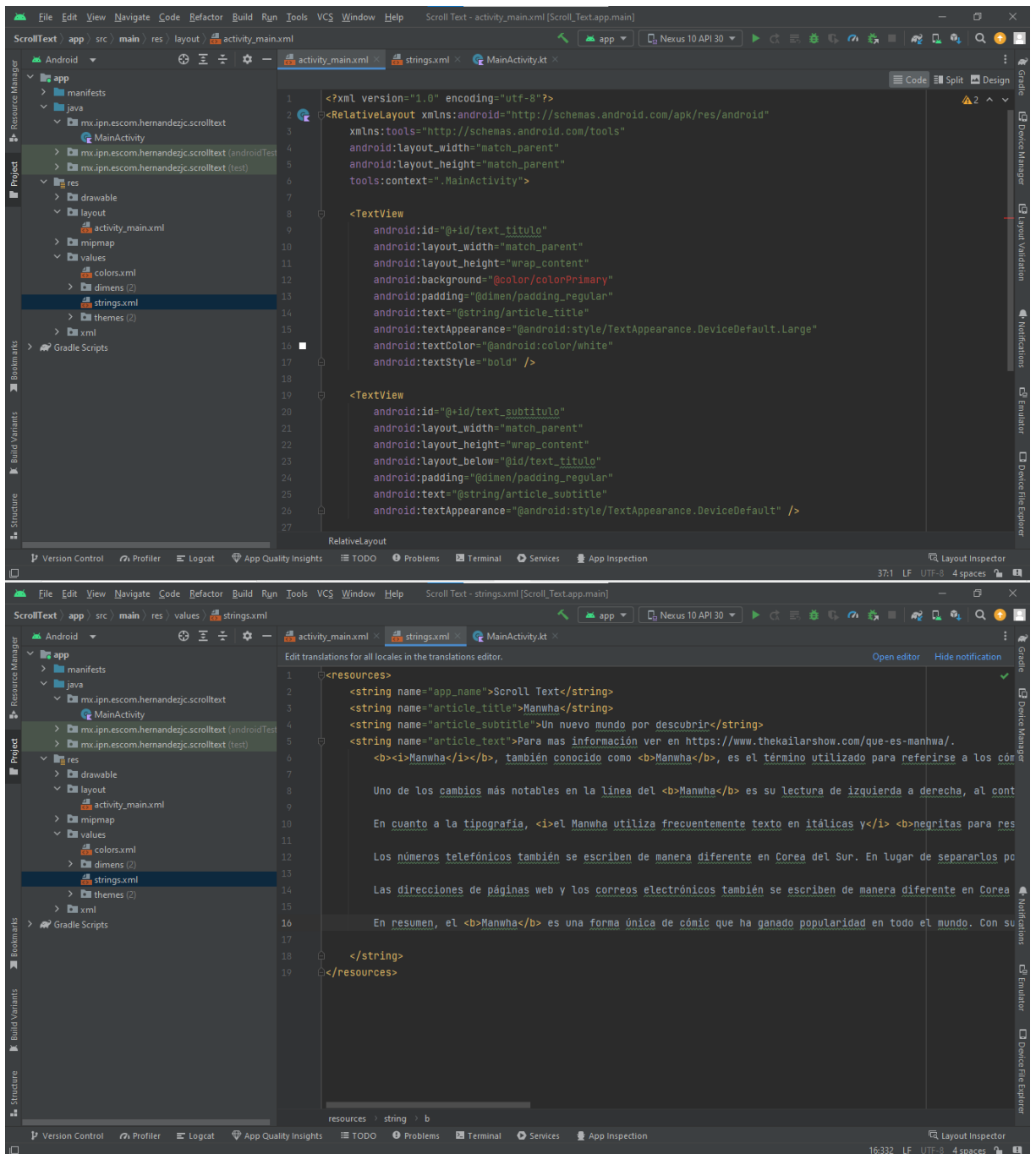
- How to use XML code to add multiple TextView elements.
- How to use XML code to define a scrolling View.
- How to display free-form text with some HTML formatting tags.
- How to style the TextView background color and text color.
- How to include a web link in the text.

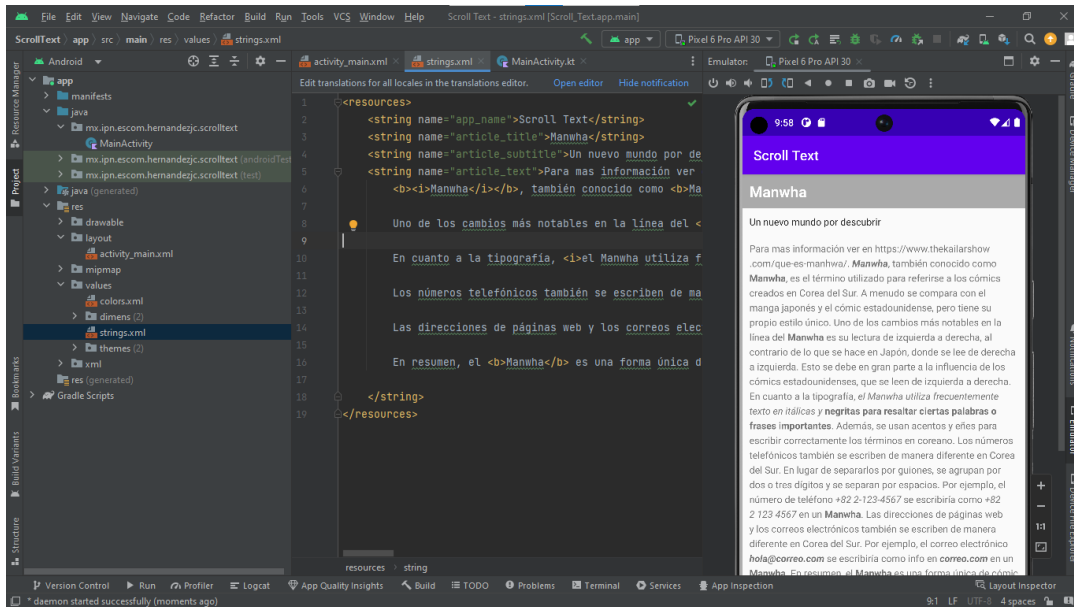
## 2. Development

### 2.1. Tasks

#### 2.1.1. Task 1: Add and Edit TextView elements

In this practical, i created an Android project for the ScrollingText app, added TextView elements to the layout for an article title and subtitle, and changed the existing "Hello World"TextView element to show a lengthy article.

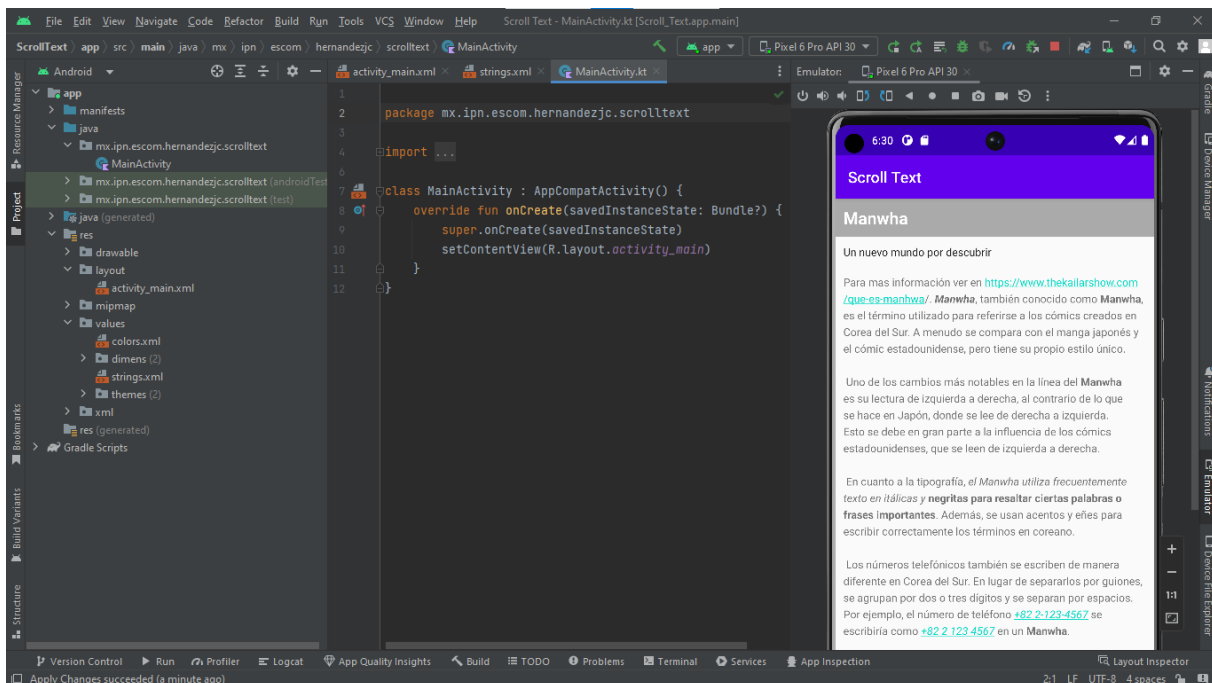




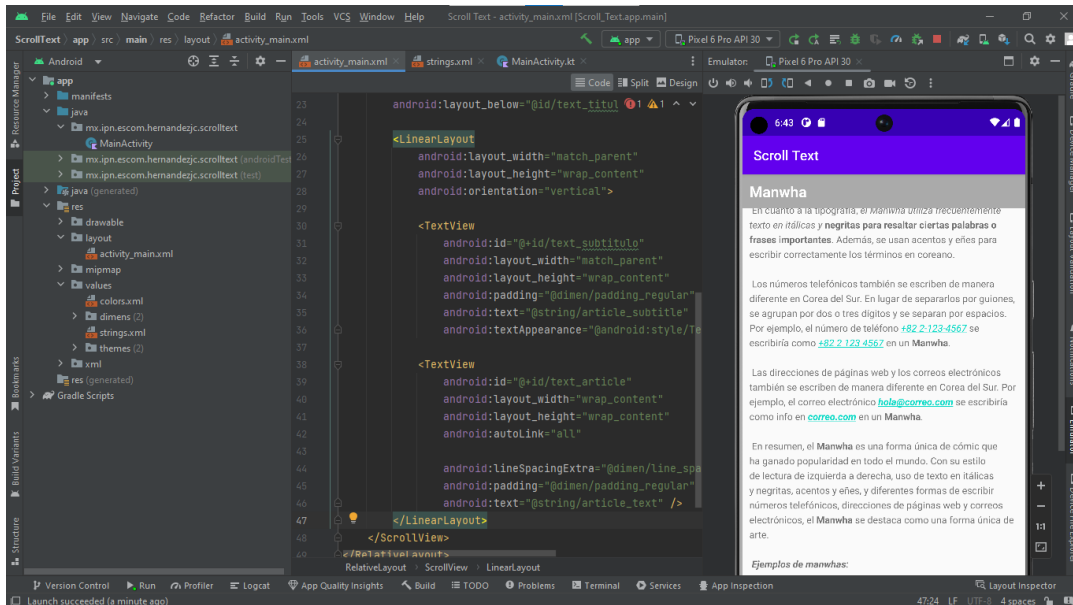
## 2.1.2. Task 2: Add a ScrollView and an active web link

In the previous task i created the ScrollingText app with TextView elements for an article title, subtitle, and lengthy article text. I also included a web link, but the link is not yet active. I added the code to make it active.

Also, the TextView by itself can't enable users to scroll the article text to see all of it. I added a new ViewGroup called ScrollView to the XML layout that makes the TextView scrollable.

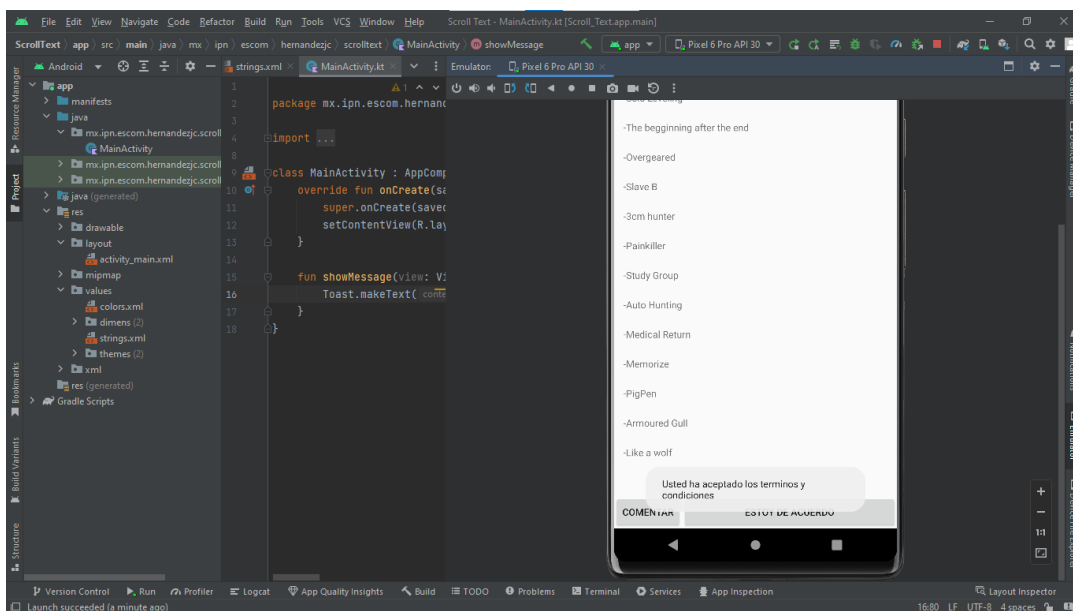


### 2.1.3. Task 3: Scroll multiple elements



## 2.2. Coding challenge

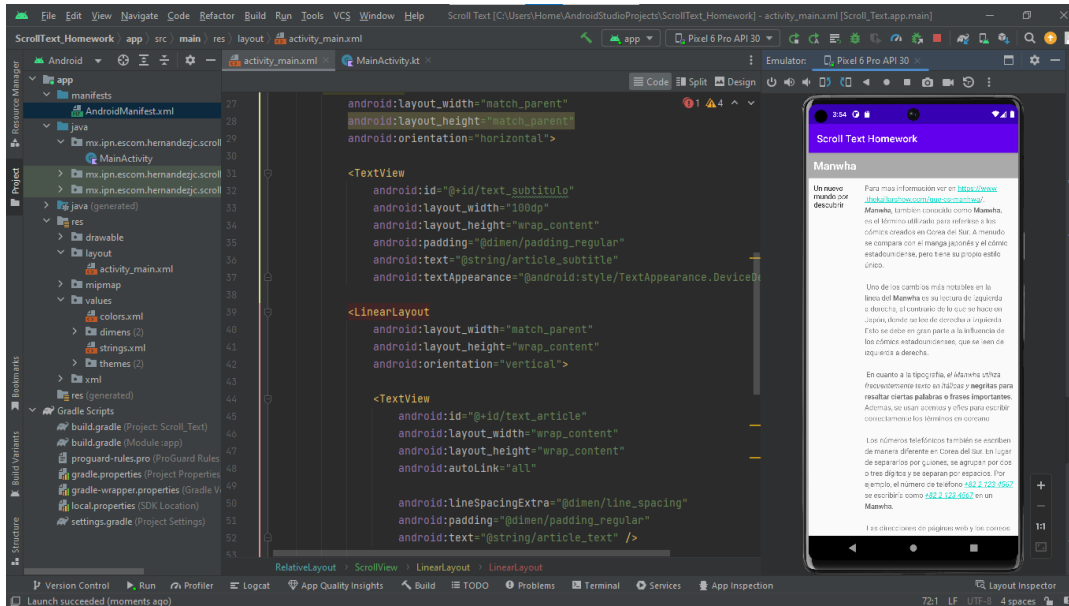
Challenge: Add two UI element—a Button—to the LinearLayout inside the ScrollView so that it scrolls with the text. The first goes on the right corner and have to say Comment, and the other one goes on the left saying that accepts the users terms. Make the Button appear below the article. The user scrolls to the end of the article to see the Button.



## 2.3. Homework

Change the app Open the ScrollingText2 app that you created in the Working with TextView Elements lesson.

Change the subheading so that it wraps within a column on the left that is 100 dp wide. Place the text of the article to the right of the subheading.



### Question 1

How many views can you use within a ScrollView? Choose one:

R:

->As many as you need

### Question 2

Which XML attribute do you use in a LinearLayout to show views side by side? Choose one:

R:

->android:orientation="horizontal"

### Question 3

Which XML attribute do you use to define the width of the LinearLayout inside the scrolling view? Choose one:

R:

->android:layout\_width = "match\_parent"