

Tip Calculator Project

You are to create a layout as shown in the images below. The layout must match the images shown in both landscape and portrait modes. The spacing needs to be relatively close but does not have to be exact. There are to be no errors or warnings on any of the layouts as shown in the screen shots.

Interaction:

User will enter a number in the Enter Bill Total area, when the button is clicked the user will be shown a breakdown of the amount entered plus a tip of 10, 15 and 20 percent (see screenshot). If the button is clicked and no amount is entered an error message will be displayed (see screenshot).

Specs:

This was written in Kotlin Oreo 8.0

I used Pixel 2 XL API 26 as my emulator. You can use another just this is what I used.

Title text size is 34sp

You must do view binding as described in chapter 18

Figure 1 Shows the starting screen.

Figure 2 Shows the error message.

Figure 3 Show portrait view after an amount is entered

Figure 4 Shows landscape view after rotation

Figure 5 Shows the only class you are to have

Figure 6 Shows no errors or warnings in your layout

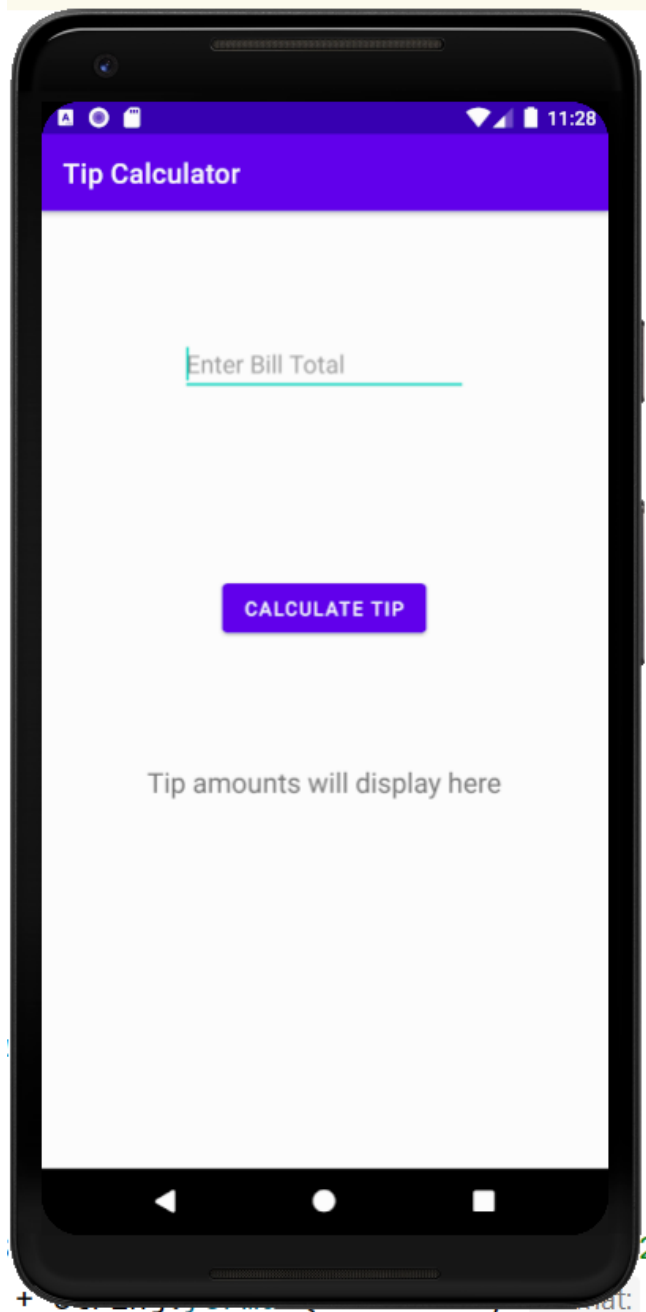
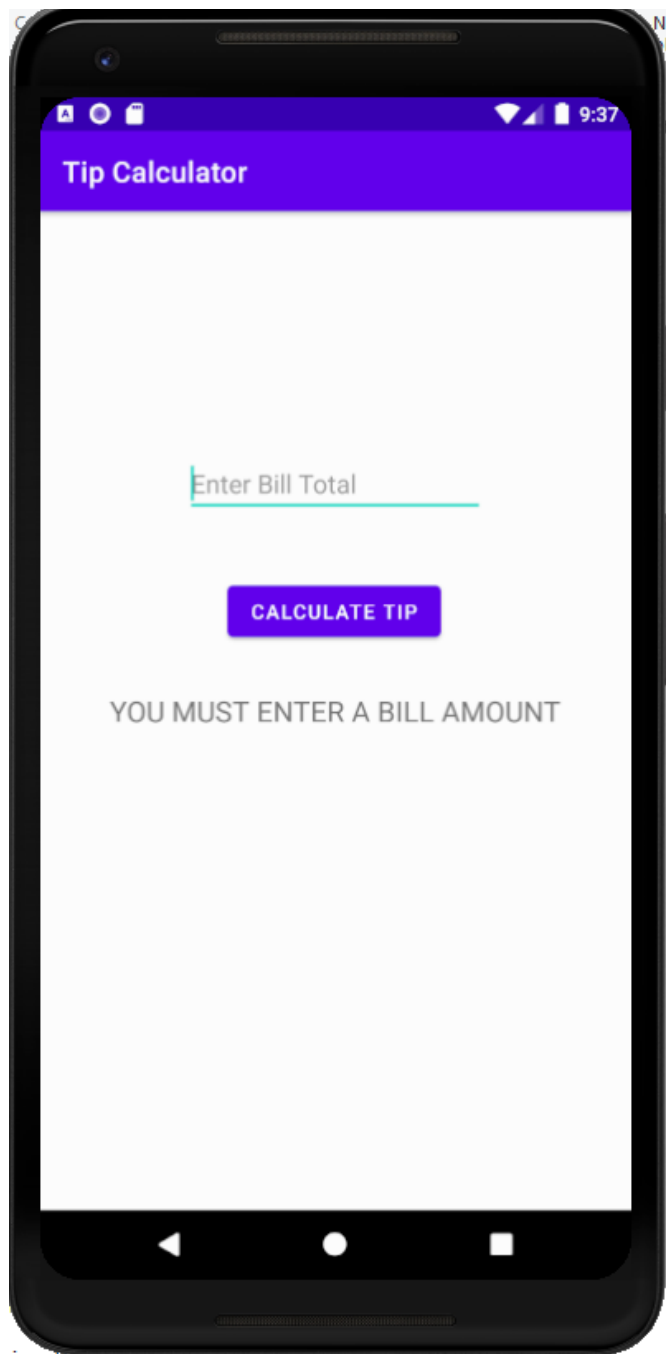


Figure 1: Starting Screen



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Figure 2: Error message

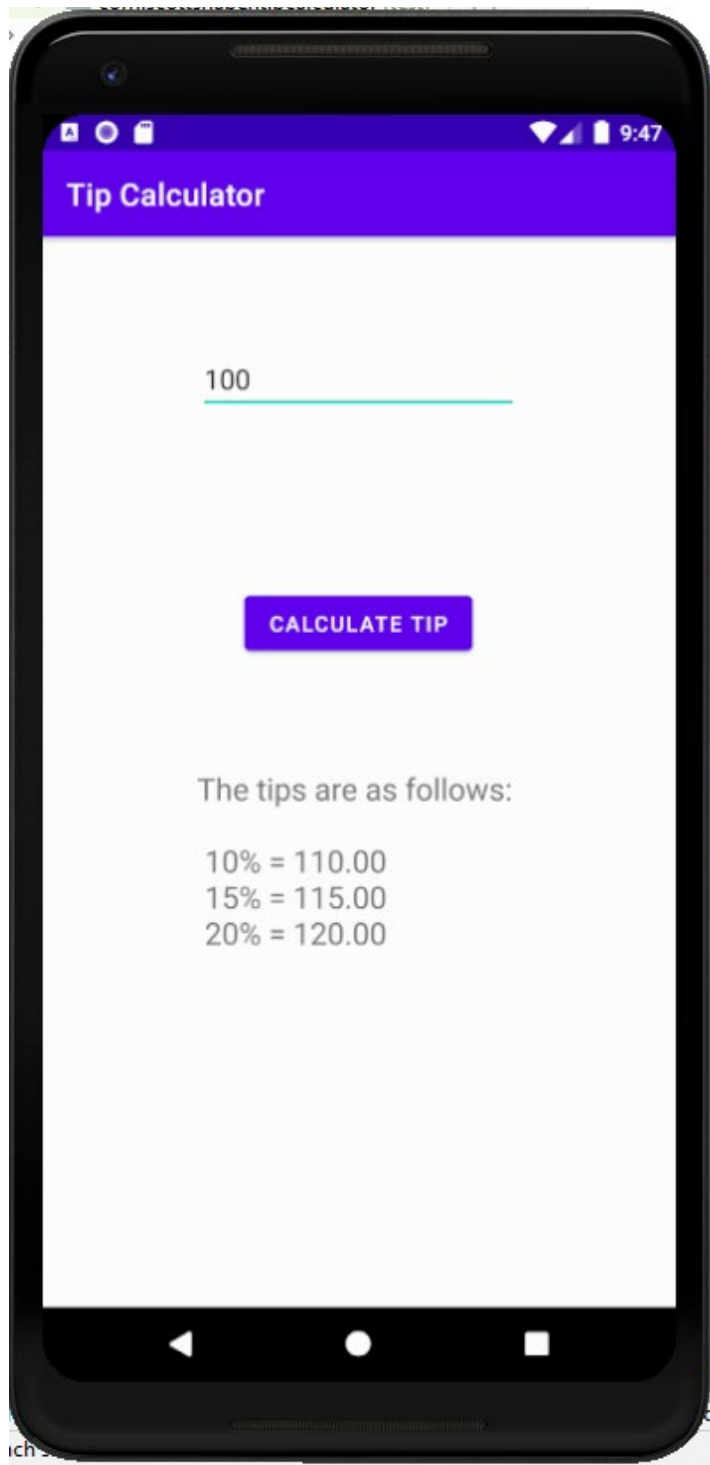


Figure 3: Portrait view after amount is entered

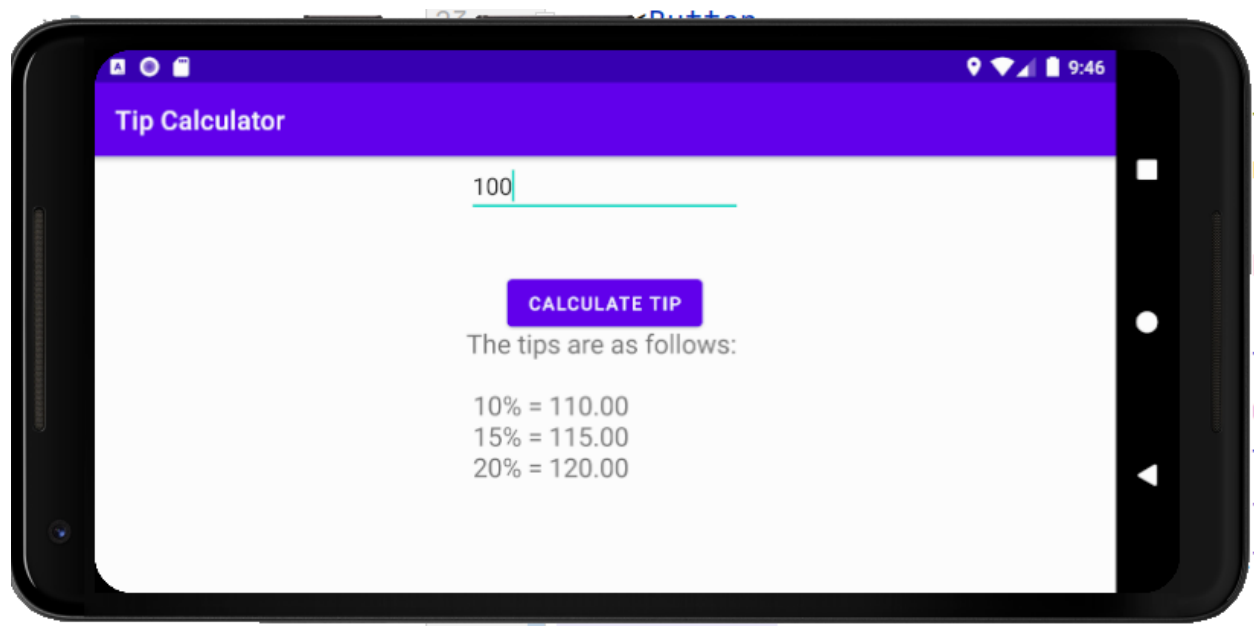


Figure 4: Landscape view

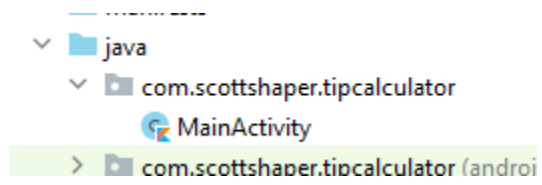


Figure 5: Only class you are to have

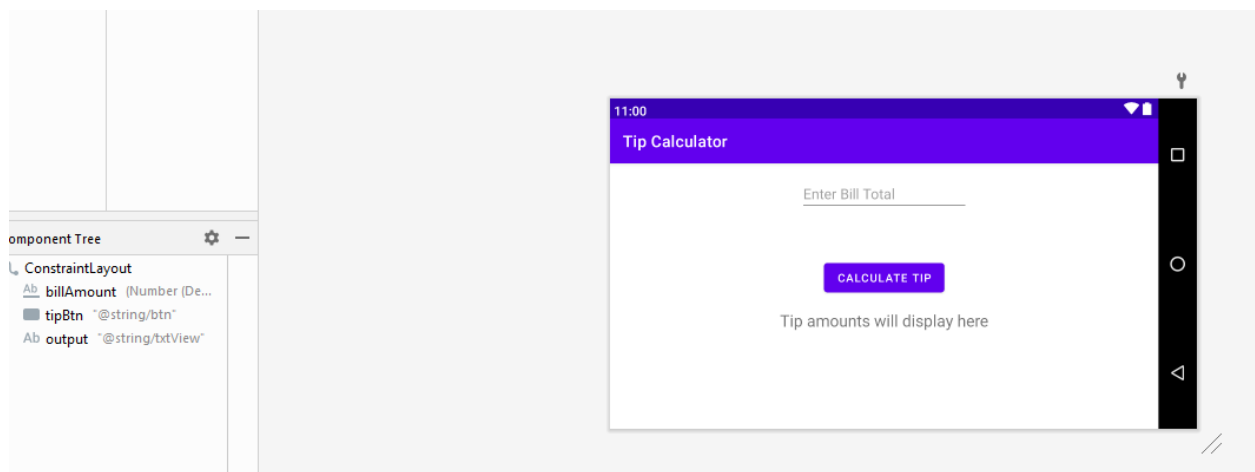


Figure 6: Shows no errors on layout screen