

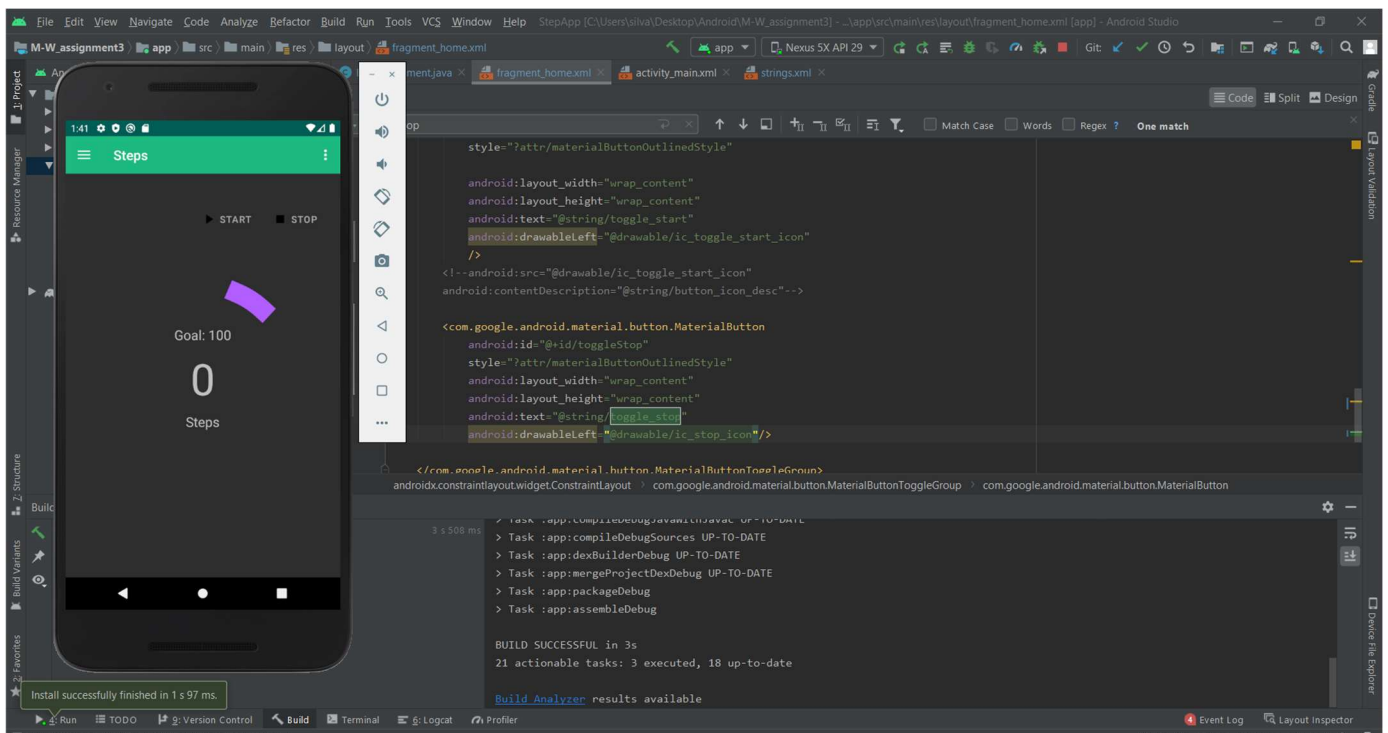
# Assignment01 Mobile&Wearable computing

Edoardo \_ Silva \_Assignment01

[https://github.com/NanolathingStuff/M-W\\_assignment3.git](https://github.com/NanolathingStuff/M-W_assignment3.git)

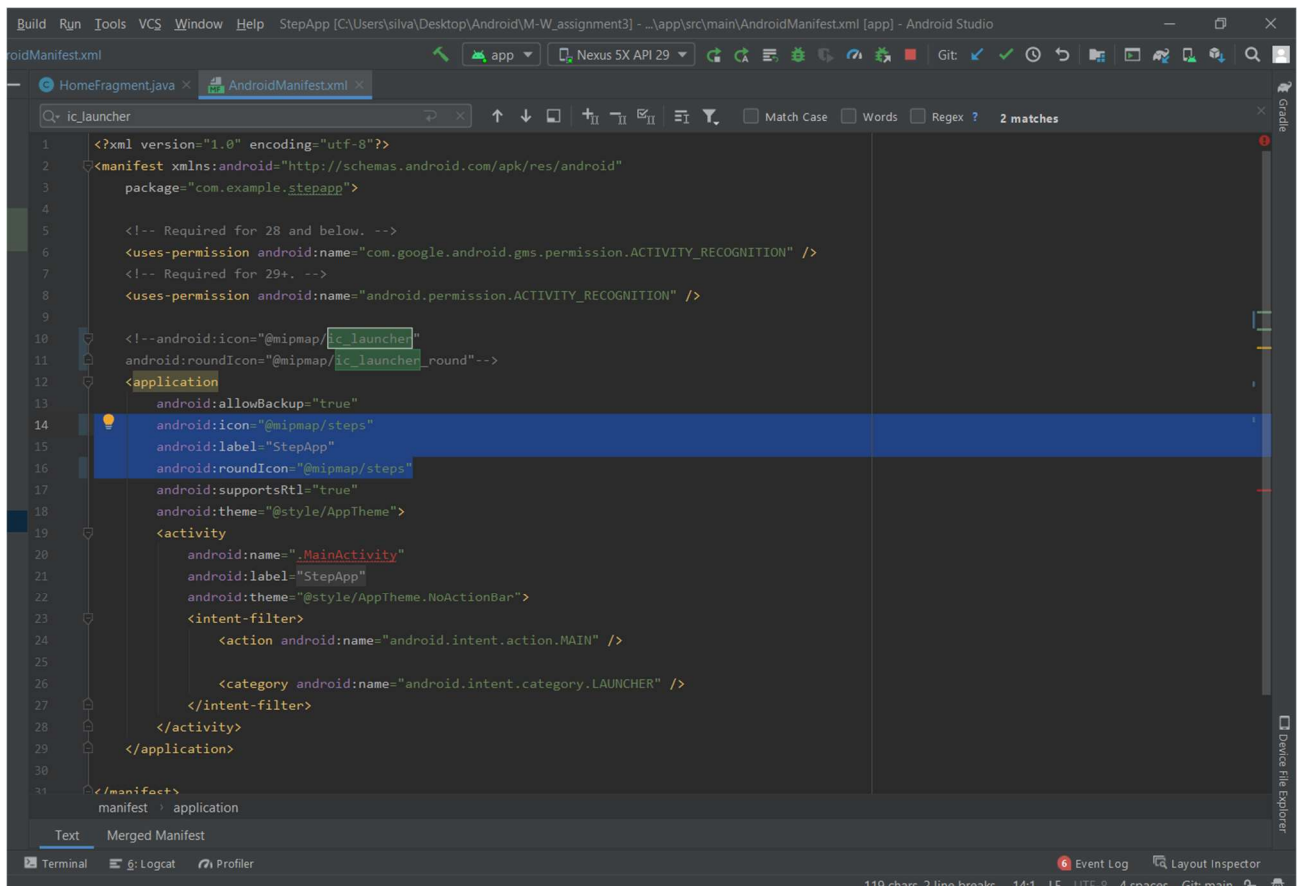
gh repo clone NanolathingStuff/M-W\_assignment3

Added icons left to buttons in fragment\_home.xml



```
...
android:drawableLeft="@drawable/ic_toggle_start_icon"
...
android:drawableLeft="@drawable/ic_stop_icon"/>
...
```

Changed App icon in manifest.cml

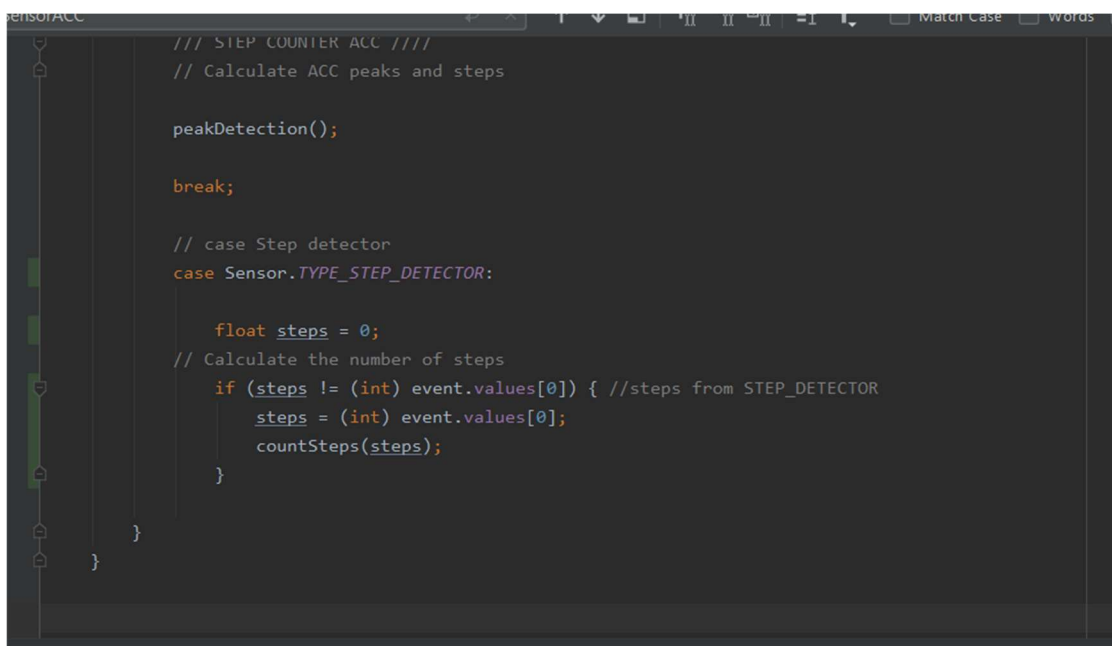


```

...
android:icon="@mipmap/steps"
android:label="@string/app_name"
android:roundIcon="@mipmap/steps"
...

```

countSteps() that counts the number of steps from the Android STEP\_DETECTOR



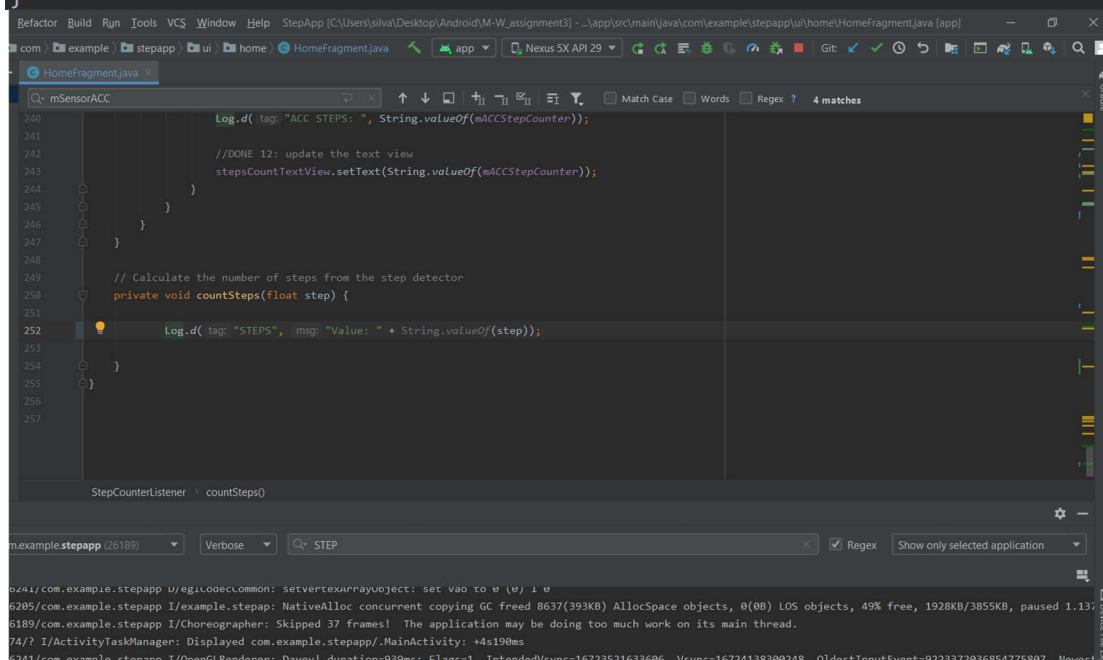
```
// case Step detector
case Sensor.TYPE_STEP_DETECTOR:

    float steps = 0;
// Calculate the number of steps
    if (steps != (int) event.values[0]) { //steps from STEP_DETECTOR
        steps = (int) event.values[0];
        countSteps(steps);
    }

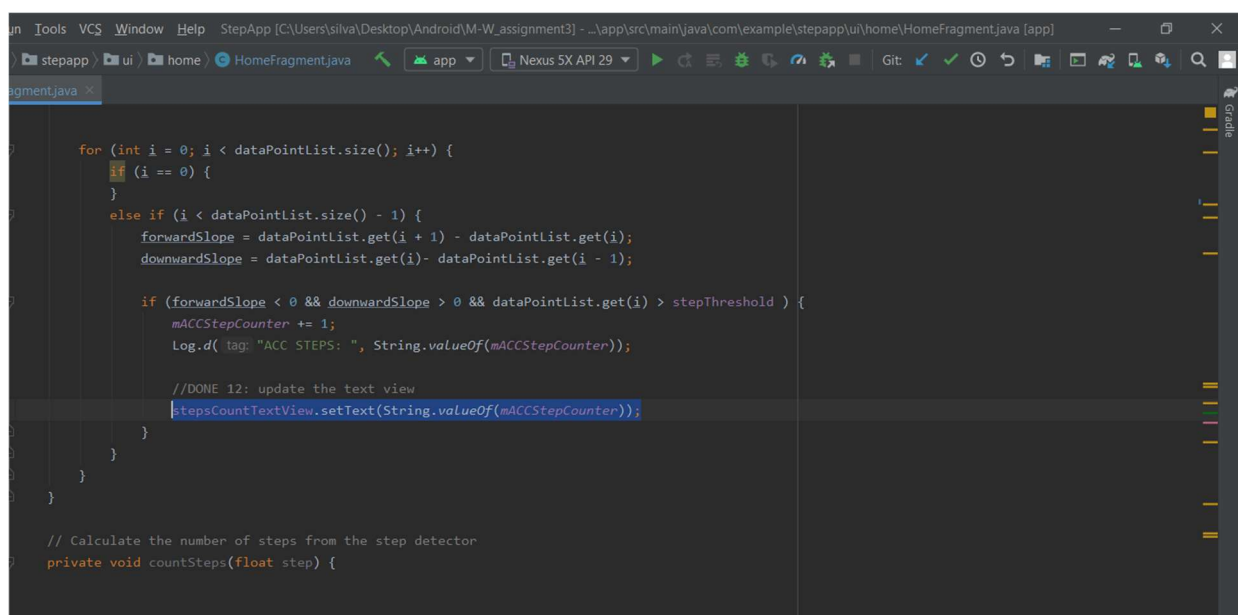
private void countSteps(float step) {

    Log.d("STEPS", "Value: " + String.valueOf(step));

}
}
```



Update the Circular Progress Bar with the number of steps



```
stepsCountTextView.setText(String.valueOf(mACCStepCounter));
```

Proof it's working

