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```java
40        private Button buttonStop;
41
42
43
44        @Override
45 ●↑     protected void onCreate(Bundle savedInstanceState) {
46            super.onCreate(savedInstanceState);
47            getWindow().addFlags(WindowManager.LayoutParams.FLAG_KEEP_SCREEN_ON);
48            setContentView(R.layout.activity_pedometer_simple);
49            super.setRequestedOrientation (ActivityInfo.SCREEN_ORIENTATION_PORTRAIT);
50
51            sensorsOn = false;
52            mSensorReader = new SensorReader( context: this);
53
54            textStatus = (TextView) findViewById(R.id.textStatus);
55
56            // Link the private variable buttonStart to the button in layout .xml by id
57            buttonStart = (Button) findViewById(R.id.buttonStart);
58            buttonStop  = (Button) findViewById(R.id.buttonStop);
59            // Declare buttonStart event listener, you will have something similar for buttonStop
60            buttonStart.setOnClickListener(new View.OnClickListener() {
```

```java
71            buttonStop.setOnClickListener(new View.OnClickListener() {
72                @Override
73 ●↑         public void onClick(View v) {
74                    if (sensorsOn) {
75                        sensorsOn = false;
76                        mSensorReader.stopCollection();
77                        if (!sensorsOn){
78                            textStatus.setText("Stopped!")
79                        }
80
81                    }
82                }
83
84            });
85
```

ECE420 Lab1 IMU Pedometer

Started!

START   STOP

CSV file created successfully!

ECE420 Lab1 IMU Pedometer

Stopped!

START   STOP