



Mobile App Development 2

Study diary

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SISÄLLYS

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# Week exercises

## Android BMI App

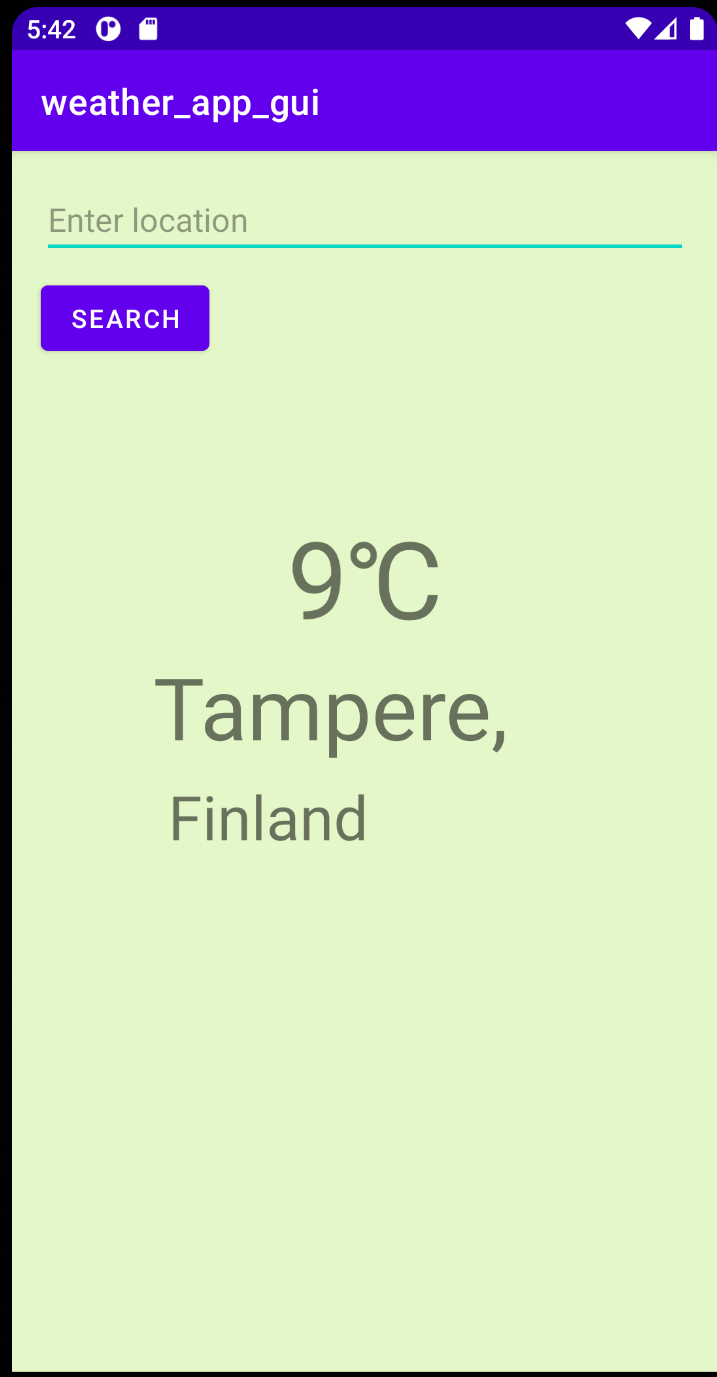
Copy/paste your relevant source, screenshots etc. here.

Source: <https://github.com/evvic/mobile_app_development/tree/main/BMI_app>



## Android Weather App GUI

Copy/paste your source, screenshots etc. here



XML code for project:

<?xml version="1.0" encoding="utf-8"?><androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android" xmlns:app="http://schemas.android.com/apk/res-auto" xmlns:tools="http://schemas.android.com/tools" android:layout\_width="match\_parent" android:layout\_height="match\_parent" android:background="#AED6F3AE" tools:context=".MainActivity"> <Button android:id="@+id/button" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:layout\_marginStart="16dp" android:layout\_marginTop="8dp" android:text="Search" app:layout\_constraintStart\_toStartOf="parent" app:layout\_constraintTop\_toBottomOf="@+id/searcch" /> <TextView android:id="@+id/locationCity" android:layout\_width="236dp" android:layout\_height="70dp" android:layout\_marginStart="87dp" android:layout\_marginEnd="87dp" android:text="Tampere," android:textSize="48sp" app:layout\_constraintBottom\_toTopOf="@+id/country" app:layout\_constraintEnd\_toEndOf="parent" app:layout\_constraintStart\_toStartOf="parent" /> <TextView android:id="@+id/country" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:layout\_marginStart="87dp" android:layout\_marginBottom="286dp" android:text="Finland" android:textSize="34sp" app:layout\_constraintBottom\_toBottomOf="parent" app:layout\_constraintStart\_toStartOf="parent" /> <TextView android:id="@+id/temperature" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:layout\_marginStart="162dp" android:layout\_marginEnd="162dp" android:text="9℃" android:textSize="60sp" app:layout\_constraintBottom\_toTopOf="@+id/locationCity" app:layout\_constraintEnd\_toEndOf="parent" app:layout\_constraintStart\_toStartOf="parent" /> <EditText android:id="@+id/searcch" android:layout\_width="0dp" android:layout\_height="wrap\_content" android:layout\_marginStart="16dp" android:layout\_marginTop="16dp" android:layout\_marginEnd="16dp" android:ems="10" android:hint="Enter location" android:inputType="textPersonName" app:layout\_constraintEnd\_toEndOf="parent" app:layout\_constraintStart\_toStartOf="parent" app:layout\_constraintTop\_toTopOf="parent" /></androidx.constraintlayout.widget.ConstraintLayout>

1.2 Weather GUI App

My Gradle wasn’t building correctly so I had to add these extra lines to my build.gradle(:app): https://stackoverflow.com/a/69043734

# Week excercises

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# Week exercises

# Final project (not mandatory but required for best grades)

Sources used with exercises

List here the possible sources you’ve used with exercises (e.g. stackoverflow, tutorialspoint, github etc.)