

## MainActivity.kt

```
package com.example.tripplanner

import android.annotation.SuppressLint
import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import android.widget.Button
import android.widget.EditText
import android.widget.TextView

class MainActivity : AppCompatActivity() {
    @SuppressLint("MissingInflatedId")
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main)
        lateinit var destinationEditText: EditText
        lateinit var departureDateEditText: EditText
        lateinit var returnDateEditText: EditText
        lateinit var submitButton: Button
        lateinit var tripDetailsTextView: TextView
        destinationEditText = findViewById(R.id.destinationEditText)
        departureDateEditText = findViewById(R.id.departureDateEditText)
        returnDateEditText = findViewById(R.id.returnDateEditText)
        submitButton = findViewById(R.id.submitButton)
        tripDetailsTextView = findViewById(R.id.tripDetailsTextView)
        submitButton.setOnClickListener {
            val destination = destinationEditText.text.toString()
            val departureDate = departureDateEditText.text.toString()
            val returnDate = returnDateEditText.text.toString()

            val tripDetails =
                "Destination: $destination\nDeparture Date: $departureDate\nReturn Date: $returnDate"
            tripDetailsTextView.text = tripDetails
        }
    }
}
```

## activity\_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent">

    <EditText
        android:id="@+id/destinationEditText"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Destination"
        android:layout_margin="16dp"/>

    <EditText
        android:id="@+id/departureDateEditText"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Departure Date (YYYY-MM-DD)"
        android:layout_below="@id/destinationEditText"
        android:layout_margin="16dp"/>
```

```
<EditText
    android:id="@+id/returnDateEditText"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Return Date (YYYY-MM-DD) "
    android:layout_below="@id/departureDateEditText"
    android:layout_margin="16dp"/>
```

```
<Button
    android:id="@+id/submitButton"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Submit"
    android:layout_below="@id/returnDateEditText"
    android:layout_centerHorizontal="true"
    android:layout_marginTop="32dp"/>
```

```
<TextView
    android:id="@+id/tripDetailsTextView"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text=""
    android:textSize="18sp"
    android:layout_below="@id/submitButton"
    android:layout_centerHorizontal="true"
    android:layout_marginTop="32dp"/>
```

```
</RelativeLayout>
```

Destination

Departure Date (YYYY-MM-DD)

Return Date (YYYY-MM-DD)

SUBMIT

Trip Details:

Destination: Thane

Departure Date: 10/1/2024

Return Date: 20/1/2024

Trip days : 20 days