Q7 Spinner

#MainActivity.java

import android.os.Bundle;

import android.view.View;

import android.widget.AdapterView;

import android.widget.ArrayAdapter;

import android.widget.EditText;

import android.widget.RelativeLayout;

import android.widget.Spinner;

import android.widget.Toast;

import androidx.appcompat.app.AppCompatActivity;

public class MainActivity extends AppCompatActivity {

    private EditText editTextEmail;

    private Spinner spinnerEmailType;

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity\_main);

        editTextEmail = findViewById(R.id.editTextEmail);

        spinnerEmailType = findViewById(R.id.spinnerEmailType);

        setupSpinner();

    }

    private void setupSpinner() {

        // Define an array of email types

        String[] emailTypes = {"Home", "Work", "Other", "Custom"};

        // Create an ArrayAdapter using the string array and a default spinner layout

        ArrayAdapter<String> adapter = new ArrayAdapter<>(this, android.R.layout.simple\_spinner\_item, emailTypes);

        // Specify the layout to use when the list of choices appears

        adapter.setDropDownViewResource(android.R.layout.simple\_spinner\_dropdown\_item);

        // Apply the adapter to the spinner

        spinnerEmailType.setAdapter(adapter);

        // Set a listener for item selections

        spinnerEmailType.setOnItemSelectedListener(new AdapterView.OnItemSelectedListener() {

            @Override

            public void onItemSelected(AdapterView<?> parentView, View selectedItemView, int position, long id) {

                // Display a toast message with the selected email type

                String selectedEmailType = (String) parentView.getItemAtPosition(position);

                showToast("Selected Email Type: " + selectedEmailType);

            }

            @Override

            public void onNothingSelected(AdapterView<?> parentView) {

                // Do nothing

            }

        });

    }

    private void showToast(String message) {

        Toast.makeText(this, message, Toast.LENGTH\_SHORT).show();

    }

}

#Activity\_Main.xml

<?xml version="1.0" encoding="utf-8"?>

<RelativeLayout

    xmlns:android="http://schemas.android.com/apk/res/android"

    xmlns:tools="http://schemas.android.com/tools"

    android:layout\_width="match\_parent"

    android:layout\_height="match\_parent"

    tools:context=".MainActivity">

    <EditText

        android:id="@+id/editTextEmail"

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:layout\_marginTop="16dp"

        android:hint="Enter Email Address"

        android:inputType="textEmailAddress"

        android:layout\_centerHorizontal="true" />

    <Spinner

        android:id="@+id/spinnerEmailType"

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:layout\_below="@id/editTextEmail"

        android:layout\_centerHorizontal="true"

        android:layout\_marginTop="16dp" />

</RelativeLayout>