

24. SendEmail

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activity_main.xml
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout 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:orientation="vertical"
    android:gravity="center"
    android:padding="20dp"
    tools:context=".MainActivity">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:padding="10dp"
        android:background="@drawable/bg_round">

        <TextView
            android:layout_width="50dp"
            android:layout_height="wrap_content"
            android:text="To"
            android:textSize="20sp"
            android:gravity="center"/>

        <EditText
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:id="@+id/et_to"
            android:background="@android:color/transparent"/>

    </LinearLayout>

    <EditText
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:id="@+id/et_subject"
        android:hint="Subject"
        android:padding="10dp"
        android:layout_marginTop="10dp"
        android:background="@drawable/bg_round"/>

    <EditText
        android:layout_width="match_parent"
        android:layout_height="0dp"
        android:layout_weight="1"
        android:id="@+id/et_message"
        android:hint="Message"
        android:padding="10dp"
        android:gravity="top"
        android:layout_marginTop="10dp"
        android:background="@drawable/bg_round"/>

    <Button
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:id="@+id/bt_send"
        android:text="send"
```

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        android:textSize="25sp"
        android:textColor="@color/colorAccent"
        android:padding="10dp"
        android:layout_marginTop="10dp"
        android:background="@drawable/bg_round"/>

    </LinearLayout>

MainActivity.java
package com.example.sendemail;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.net.Uri;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;

public class MainActivity extends AppCompatActivity
{
    EditText etTo,etSubject,etMessage;
    Button btSend;

    @Override
    protected void onCreate(Bundle savedInstanceState)
    {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        etTo = findViewById(R.id.et_to);
        etSubject = findViewById(R.id.et_subject);
        etMessage = findViewById(R.id.et_message);
        btSend = findViewById(R.id.bt_send);

        btSend.setOnClickListener(new View.OnClickListener()
        {
            @Override
            public void onClick(View v)
            {
                Intent intent = new Intent(Intent.ACTION_VIEW, Uri.parse("mailto:"
+ etTo.getText().toString()));

                intent.putExtra(Intent.EXTRA_SUBJECT,etSubject.getText().toString());
                intent.putExtra(Intent.EXTRA_TEXT,etMessage.getText().toString());
                startActivity(intent);
            }
        });
    }
}
```

```
bg_round.xml
<?xml version="1.0" encoding="utf-8"?>
<shape xmlns:android="http://schemas.android.com/apk/res/android"
    android:shape="rectangle">

    <solid android:color="@android:color/transparent"/>
    <corners android:radius="10dp"/>
    <stroke android:width="2dp" android:color="@android:color/darker_gray"/>

</shape>

AndroidManifest.xml
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.example.sendemail">

    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true"
        android:theme="@style/AppTheme">
        <activity android:name=".MainActivity">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>

</manifest>
```

