EXERCISE 6

CREATE SIMPLE IMPLICIT INTENT APPLICATION

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ACTIVITY_MAIN.XML:

```xml
<?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"
    tools:context=".MainActivity">

    <TextView
        android:id="@+id/textView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="104dp"
        android:layout_marginBottom="87dp"
        android:text="IMPLICIT INTENT"
        android:textAllCaps="true"
        android:textColor="#1F82D1"
        android:textSize="16sp"
        android:textStyle="bold|italic"
        app:layout_constraintBottom_toTopOf="@+id/editTextTextPersonName"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

    <EditText
        android:id="@+id/editTextTextPersonName"
        android:layout_width="226dp"
        android:layout_height="0dp"
        android:layout_marginBottom="137dp"
        android:ems="10"
        android:textColor="#FAFAFA"
        android:textSize="20sp"
        android:textStyle="bold"
        app:layout_constraintBottom_toTopOf="@+id/btmail"
        app:layout_constraintEnd_toEndOf="parent"
```

```xml
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/textView" />

    <Button
        android:id="@+id/btmail"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="14dp"
        android:layout_marginBottom="72dp"
        android:backgroundTint="#EADFDF"
        android:onClick="sendMail"
        android:text="send mail"
        android:textAllCaps="true"
        android:textColor="#EC9310"
        android:textStyle="bold|italic"
        app:layout_constraintBottom_toTopOf="@+id/btbrowser"
        app:layout_constraintStart_toStartOf="@+id/btbrowser"
        app:layout_constraintTop_toBottomOf="@+id/editTextTextPersonName"
        tools:ignore="OnClick" />

    <Button
        android:id="@+id/btbrowser"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginBottom="124dp"
        android:backgroundTint="#EADFDF"
        android:onClick="openBrowser"
        android:text="open browser"
        android:textAllCaps="true"
        android:textColor="#65AE0F"
        android:textStyle="bold|italic"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/btmail"
        tools:ignore="OnClick" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

MAIN ACTIVITY.JAVA:

```java
package com.example.implicit_intent;

import androidx.appcompat.app.AppCompatActivity;

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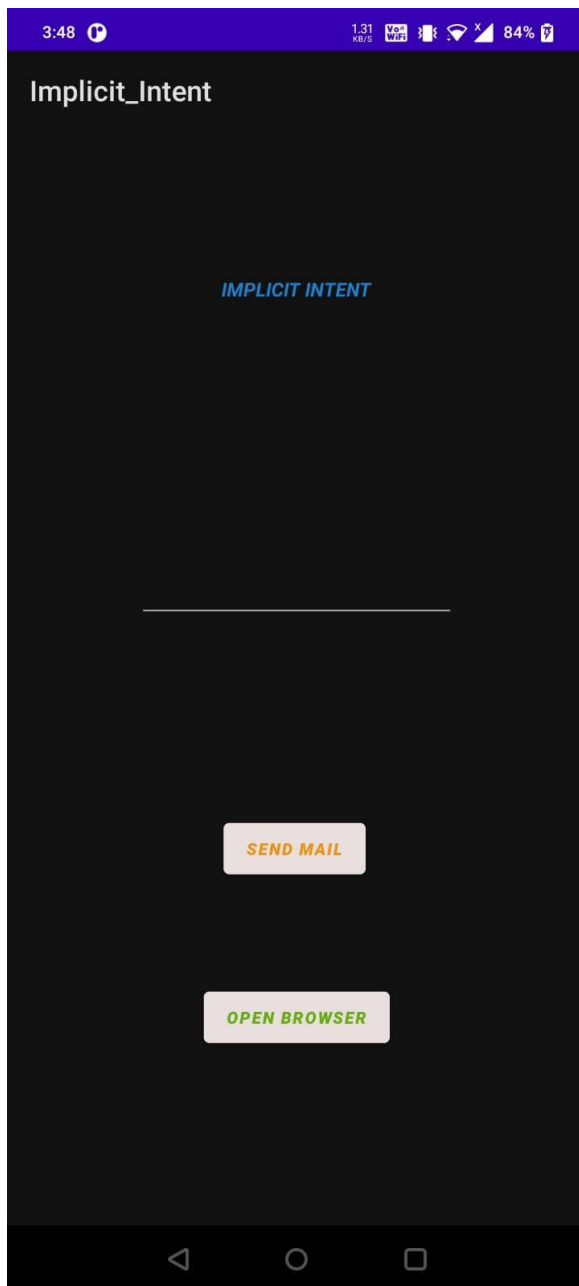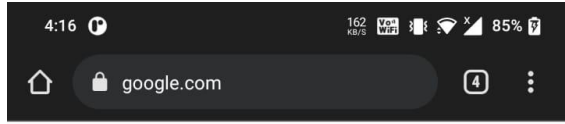
```java
import android.view.View;
import android.widget.Button;
import android.widget.EditText;

public class MainActivity extends AppCompatActivity {
    EditText edTxt;
    Button mail,browser;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        edTxt=(EditText)findViewById(R.id.editTextTextPersonName);
    }
    public void sendMail(View view) {
        Intent i=new Intent(Intent.ACTION_SEND);
        i.setType("text/plain");
        String[] mailid={"sirisha2910@gmail.com","123@gmail.com"};
        i.putExtra(Intent.EXTRA_EMAIL,mailid);
        i.putExtra(Intent.EXTRA_SUBJECT,"Welcome to Mobile App class");
        String msg=edTxt.getText().toString();
        i.putExtra(Intent.EXTRA_TEXT,msg);
        if(i.resolveActivity(getPackageManager())!=null)
        {
            startActivity(i);
        }
    }

    public void openBrowser(View view) {
        Uri uri=Uri.parse("https://www.google.com/");
        Intent i=new Intent(Intent.ACTION_VIEW,uri);
        startActivity(i);
    }
}
```
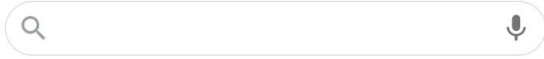
OUTPUT:

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