

Aim: Create an android app to Open a Dialpad with the help of implicit intent.

activity_main.xml:

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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"
    android:orientation="horizontal">

    <EditText
        android:id="@+id/editTextPhone"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:ems="10"
        android:inputType="phone"
        android:layout_marginTop="50dp"
        android:hint="Enter telephone number"/>

    <Button
        android:id="@+id/button2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:text="open dialpad"
        android:layout_marginTop="100dp"
        android:layout_marginLeft="120dp"
        android:onClick="Call"/>
</RelativeLayout>
```

MainActivity.java:

```
package com.example.practical4b;

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

public class MainActivity extends AppCompatActivity {

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

    public void Call(View v) {
        EditText e=(EditText) findViewById(R.id.editTextPhone);
        Toast.makeText(this, "clicked", Toast.LENGTH_LONG).show();
        Uri u= Uri.parse("tel:"+e.getText().toString());
        Intent i=new Intent(Intent.ACTION_DIAL,u);

        try{
            startActivity(i);
        }
        catch (SecurityException s){
            Toast.makeText(this, "An error occured", Toast.LENGTH_LONG).show();
        }
    }
}
```





