

CO3

2. Implement Implicit Intents

Main Activity.java

```
package com.example.implicitintents;

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.Toast;

public class MainActivity extends AppCompatActivity {
    Button view,dial,email;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_main);
        view=(Button)findViewById(R.id.btview);
        dial=(Button)findViewById(R.id.btdial);
        email=(Button)findViewById(R.id.btemail);

        view.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                try {
                    Intent i=new Intent(Intent.ACTION_VIEW,
Uri.parse("http://www.javatpoint.com"));
                    startActivity(i);
                }catch(Exception e){
                    Toast.makeText(getApplicationContext(),e.toString(),Toast.LENGTH_SHORT).
show();
                }
            }
        });
        dial.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
```

```

        try {
            Intent dialIntent = new Intent(Intent.ACTION_DIAL,
Uri.parse("tel:9876543210"));
            startActivity(dialIntent);
        } catch (Exception e) {
            Toast.makeText(getApplicationContext(), e.toString(),
                Toast.LENGTH_SHORT).show();
        }
    }
});
email.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent email = new Intent(Intent.ACTION_SEND);

        startActivity(Intent.createChooser(email, "Choose an Email client:"));
    }

});
}
}

```

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">

    <Button
        android:id="@+id/btview"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="View"
        tools:layout_editor_absoluteX="63dp"
        tools:layout_editor_absoluteY="372dp" />

    <Button
        android:id="@+id/btdial"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Dial"
        android:layout_toRightOf="@+id/btview"
        android:layout_marginLeft="25dp"

```

```
tools:layout_editor_absoluteX="96dp"
tools:layout_editor_absoluteY="332dp" />
```

```
<Button
    android:id="@+id/btemail"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Email"
    android:layout_toRightOf="@id/btdial"
    android:layout_marginLeft="50dp"
    tools:layout_editor_absoluteX="67dp"
    tools:layout_editor_absoluteY="235dp" />
```

```
</RelativeLayout>
```

Manifest.xml

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

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

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

</manifest>
```

OUTPUT

