

Name: MANSHI

University Roll No: 1921093

Student ID: 19042195

Date: 1/Oct/2021

Course: BCA

Sem: 5

Sec: B

Subject Name: Android

Subject Code: PBC 502

1)

activity <sup>second</sup> ~~main~~ .xml

```

<?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.ConstraintLayout
    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=".Second activity">

```

&lt;TextView

```

    android:id="@+id/textView2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginBottom="8dp"
    android:layout_marginEnd="8dp"
    android:layout_marginLeft="8dp"
    android:layout_marginRight="8dp"
    android:layout_marginStart="8dp"
    android:layout_marginTop="8dp"
    android:text="Explicit Example"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"/>
</android.support.constraint.ConstraintLayout>

```

Manshi



Name: MANSHI University Roll No: 1921093 Student id: 1904219  
 Date: 1/oct/2021 Course: BCA Sem: 5 Sec: B  
 Subject Name: Mobile App. Development Subject Code: PBC-502

### SecondActivity.class

package activity\_main.xml

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

<android

tools:context="@.MainActivity">

<TextView

android:id="@+id/textview"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginLeft="8dp"

android:layout\_marginRight="8dp"

android:layout\_marginTop="8dp"

android:text="Types of Intent - Implicit &

Explicit Intent in Android"

app:layout\_constraintLeft\_toLeftOf="parent"

app:layout\_constraintRight\_toRightOf="parent"

app:layout\_constraintTop\_toTopOf="parent" />

<Button

android:id="@+id/button\_1m"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginEnd="8dp"

android:layout\_marginLeft="8dp"

android:layout\_marginRight="8dp"

android:layout\_marginStart="8dp"

android:layout\_marginTop="20dp"

android:text="Implicit Intent Button"

manshi



Name: MANSHI University Roll No: 1921093 Student Id: 1904295  
 Date: 1/Oct/2021 Course: BCA Sem: 5 Sec: B  
 Subject Name: Mobile App Development Subject Code: PBC-502

```
app:layout_constraintEnd_toEndOf = "parent"
app:layout_constraintStart_toStartOf = "parent"
app:layout_constraintTop_toBottomOf = "@+id/textview"/>
```

<Button

```
android:id="@+id/button_ex"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_marginEnd="8dp"
android:layout_marginStart="8dp"
android:layout_marginTop="40dp"
android:text="Explicit Intent Button"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toBottomOf="@+id/button_in"/>
</android.support.constraint.ConstraintLayout>
```

Main Activity . class

```
import android.support.v7.app.AppCompatActivity
import android.content.Intent;
import android.net.Uri;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
```

```
public class MainActivity extends AppCompatActivity {
```

```
@Override
```

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

Manshi



Name: MANSHI

University Roll No: 1921093

Student id: 19042195

Date: 1/Oct/2021

Course: BCA

Sem: 5

Sec: B

Subject Name: Mobile App Development

Subject Code: PBC-502

```
Button btn_implicit = (Button) findViewById(R.id.button_in);
btn_implicit.setOnClickListener(new View.OnClickListener() {
```

```
    @Override
```

```
    public void onClick (View view) {
```

```
        String url = "https://";
```

```
        Intent i = new Intent (Intent.ACTION_VIEW);
```

```
        i.setData (Uri.parse (url));
```

```
        startActivity (i); } }
```

```
Button btn_Explicit = (Button) findViewById(R.id.button_ex);
btn_Explicit.setOnClickListener(new View.OnClickListener() {
```

```
    @Override
```

```
    public void onClick (View view) {
```

```
        Intent intent = new
```

```
        Intent (MainActivity.this, SecondActivity.class);
```

```
        startActivity (intent);
```

```
    } }
```

```
    }
```

# Intent Types Implicit And Explicit

Types of Intent - Implicit and Explicit Intent in Android

**IMPLICIT INTENT BUTTON**

**EXPLICIT INTENT BUTTON**

# Intent Types Implicit And Explicit

Explicit Example

10:21



## Intent Types Implicit And Explicit

Types of Intent - Implicit and Explicit Intent in Android

IMPLICIT INTENT BUTTON

EXPLICIT INTENT BUTTON

Open with



Chrome



Firefox



Opera



Name: MANSHI

Univ. Roll No: 1921093

Student Id: 19042195

Date: 1/oct/2021

Course: BCA

Semi: 5

Sec: B

Subject Name: Mobile App Development

Subject Code: PBC-502

2) Activity main.xml

&lt;?xml version="1.0" encoding="utf-8"?&gt;

&lt;android.support.constraint.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"

tools:context="example.juapoint.com.activity.lifecycle.MainActivity"&gt;

## &lt;TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Hello World!"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintLeft\_toLeftOf="parent"

app:layout\_constraintRight\_toRightOf="parent"

app:layout\_constraintTop\_toTopOf="parent"/&gt;

&lt;/android.support.constraint.ConstraintLayout&gt;

MainActivity.java

```

package import android.app.Activity;
import android.os.Bundle;
import android.util.Log;

```

public class MainActivity extends Activity.

{ @Override

protected void onCreate(Bundle savedInstanceState)

{ super.onCreate(savedInstanceState);

Manshi



Name: MANSHI

Ghiv. Roll No: 1921093

Student ID: 19042195

Date: 1/Oct/2021

Course: BCA

Sem: 5

Sec: B

Subject Name: Mobile App. Development

Subject Code: PBC 502

```
setContentView(R.layout.activity_main);  
log.d("Lifecycle", "onCreate invoked");  
}
```

@Override

```
protected void onStart() {  
    super.onStart();  
    log.d("Lifecycle", "onStart invoked");  
}
```

@Override

```
protected void onResume() {  
    super.onResume();  
    log.d("Lifecycle", "onResume invoked");  
}
```

@Override

```
protected void onPause() {  
    super.onPause();  
    log.d("Lifecycle", "onPause invoked");  
}
```

@Override

```
protected void onRestart() {  
    super.onRestart();  
    log.d("Lifecycle", "onRestart invoked");  
}
```

@Override

```
protected void onDestroy() {  
    super.onDestroy();  
    super.onDestroy();  
    log.d("Lifecycle", "onDestroy invoked");  
}
```

Manshi