

Ans 1 activity-main.xml

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

<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"

android:layout_height="match_parent"

tools:context=".MainActivity">

<!-- add an editText to input text -->

<EditText

android:id="@+id/editText1"

android:layout_width="0dp"

Barry

android:layout_height = "wrap-content"

android:layout_alignParentTop = "true"

android:layout_centerHorizontal = "true"

android:layout_marginTop = "136dp"

android:ems = "10"

app:layout_constraintEnd_toEndOf = "parent"

app:layout_constraintStart_toStartOf = "parent"

app:layout_constraintTop_toTopOf = "parent" />

!- - add a button for click - - >

< button -

android:id = "@+id/button1"

android:layout_width = "wrap-content"

android:layout_height = "wrap-content"

android:layout_below = "@+id/editText1"

android:layout_centerHorizontal = "true"

android:layout_marginTop = "49dp"

any

android:layout_marginEnd = "132dp"

android:text = "click"

(3)

app:layout_constraintEnd_toEndOf = "@+id/
editText1"

app:layout_constraintTop_toBottomOf = "@+id/
editText1"/>

</android.support.constraint.constraintLayout>

MainActivity.java

```
package org.geeksforgeeks.implicitIntent - example;
```

```
import android.app.Activity;
```

```
import android.content.Intent;
```

```
import android.net.Uri;
```

```
import android.os.Bundle;
```

```
import android.view.View;
```

```
import android.widget.Button;
```

```
import android.widget.EditText;
```

layout

public class MainActivity extends Activity {

(4)

① override

protected void onCreate(Bundle savedInstanceState)

{
 super.onCreate(savedInstanceState);

setContentView(R.layout.activity_main);

final EditText editText1 = (EditText) findViewById(
 R.id.editText1);

Button button = (Button) findViewById(R.id.button1);

button.setOnClickListener(new View.OnClickListener()

{
 public void onClick(View v)

{
 String url = editText1.getText().toString();

Intent intent = new Intent(Intent.ACTION_VIEW,

Uri.parse(url));

startActivity(intent);

}
 }
}

}

four

Explicit Intent

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<?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">

<TextView

android:layout_width = "match-parent"

android:layout_height = "wrap-content"

android:text = "Hello, This is Activity 1"

android:gravity = "center"

android:layout_marginTop = "90dp"

four

6

android:textSize = "40dp"

android:textColor = "@color/teal-200"

android:textStyle = "bold"

android:id = "@ + id / tv-1" / >

<Button

android:layout_width = "wrap-content"

android:layout_height = "wrap-content"

android:layout_below = "@ + id / tv-1"

android:layout_marginTop = "60dp"

android:id = "@ + id / btn 1"

android:layout_centerHorizontal = "True"

android:text = "Click Here for Activity 2" / >

</RelativeLayout>

JAVA CODE:

package com.example.explicit-intent;

four

import androidx.appcompat.app.AppCompatActivity; ⑦

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

import android.widget.TextView;
public class MainActivity extends

AppCompatActivity { TextView tv; Button
bt;

@Override

protected void onCreate (Bundle savedInstanceState)
Instance state)

{ super.onCreate (savedInstanceState);

SetContentView (R.layout.activity_main);

lany


```
tv = findViewById(R.id.tv_1);  
btu = findViewById(R.id.btu1);  
btu.setOnClickListener(new View.OnClickListener() {
```

```
    @Override  
    public void onClick(View v) {  
        Intent i = new
```

```
Intent(getApplicationContext(), Activity  
2.class); startActivity(i);
```

```
    }  
    }  
    }  
}
```

MAIN ACTIVITY 2 CODE!

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

<RelativeLayout

xmlns

xmlns: android = "http://schemas.android.com/apk/res/android" ①

xmlns: app = "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 = "Activity 2" >

<TextView

android:layout_width = "match-parent"

android:layout_height = "wrap-~~parent~~ content"

android:text = "Hello This is Activity 2"

android:textSize = "40dp"

android:layout_centerHorizontal = "true"

from

android:layout_centerVertical="true"

android:textColor="@color/teal_200"/>

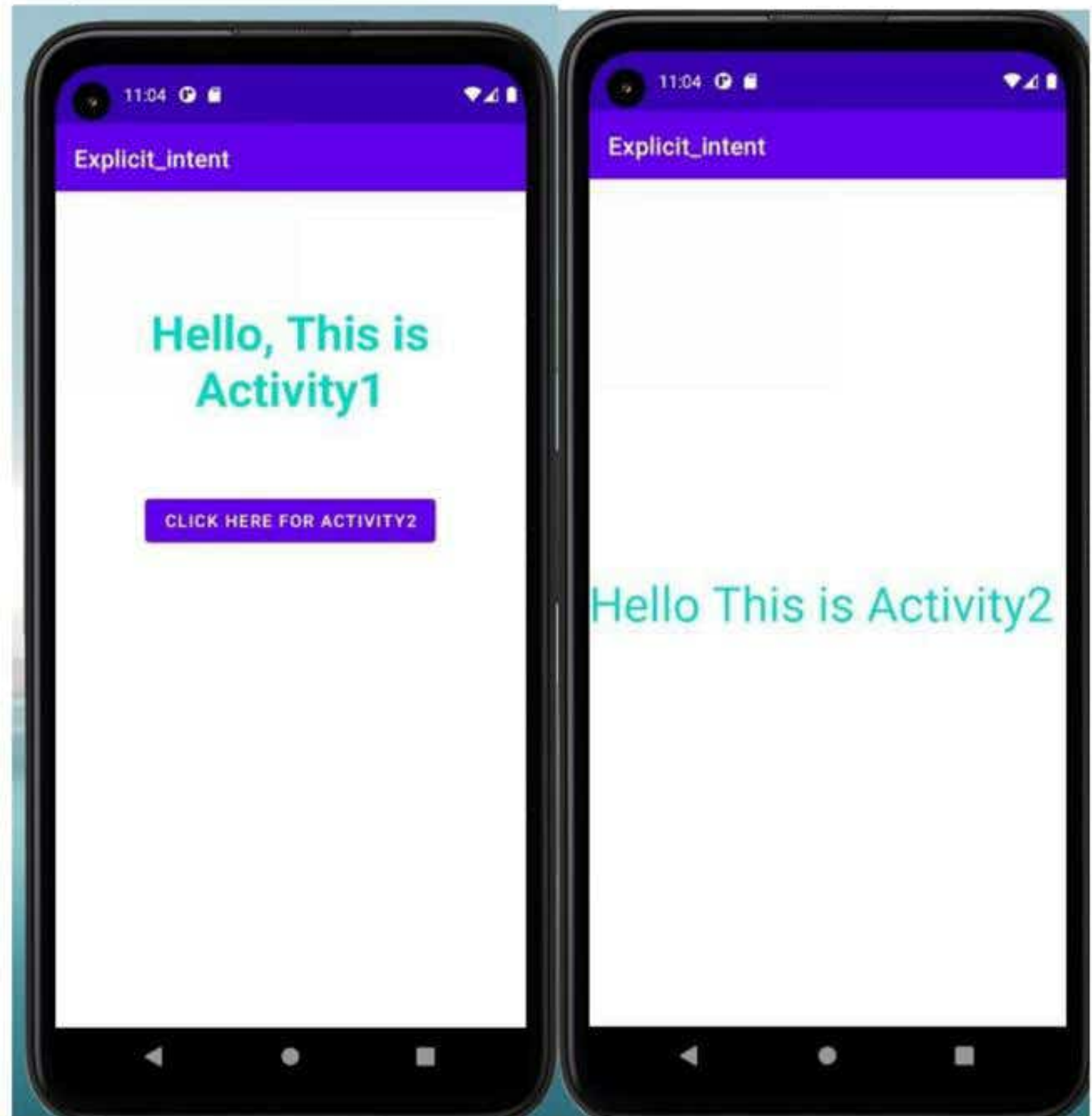
</RelativeLayout>

Law

OUTPUT :



output



Ans 2 $\langle ? \text{xml version} = "1.0" \text{ encoding} = "utf-8" ? \rangle$

$\langle \text{android.support.constraint.constraintlayout xmlns:}$

android = "http://schemas.android.com/apk/res/
android"

xmlns:app = "http://schemas.android.com/tools"

xmlns:app:tools = "http://schemas.android.com/tools"

android:layout_width = "match_parent"

android:layout_height = "match_parent"

tools:context = ".MainActivity" \rangle

$\langle \text{TextView}$

android:layout_width = "wrap_content"

android:layout_height = "match_parent"

tools:context = ".MainActivity" \rangle

$\langle \text{TextView}$

android:layout_width = "wrap_content"

android:layout_height = "wrap_content"

Lawy

android:text = "Hello World!"

app:layout_constraintBottom - to bottom of
= "parent"

app:layout_constraintLeft - to left of = "parent"

app:layout_constraintRight - to right of = "parent"

app:layout_constraintTop - to top of = "parent"/>

</androidx.constraintlayout.widget.ConstraintLayout

MainActivity.java .

package com. activity lifecycle;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

import android.util.Log;

public class MainActivity extends AppCompatActivity

{

Law

public static final String status = "Main
Activity.class.getSimpleName()";

① override

protected void onCreate(Bundle savedInstanceState
State)

{ super.onCreate(savedInstanceState);

setContentView(R.layout.activity_main);

Log.i(status, "In method onCreate");
}

② override

protected void onStart() {

super.onStart();

Log.i(status, "In method onStart");
}

③ override

four


```
protected void onResume() {
```

```
    super.onResume();
```

```
    Log.i("status", "En method On Resume");
}
```

```
@Override
```

```
protected void onPause()
```

```
{
    super.onPause();
```

```
    Log.i("status", "En method On Pause");
}
```

```
@Override
```

```
protected void onStop() {
```

```
    super.onStop();
```

```
    Log.i("status", "En method On Stop");
```

```
}
```

```
@Override
```

```
protected void onDestroy() {
```

```
    super.onDestroy();
```

```
    Log.i("status", "En method On Destroy");
```

```
}
```

Pause