

Name = Shubham Chauhan

BCA - 5A

Roll no. ⇒ 57/1921177

Id = 19041049

~~Android~~ Mobile Application mid practical

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Q11 * Create a program to ~~show~~ show implicit Intent as well as explicit intent

⇒

1. XML MAIN FILE

```
<?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="https://schemas.android
```

```
com/tools" android:layout_width="match-
```

```
parent" android:layout_height="match-
```

```
parent" tools:context=". MainActivity">
```

```
<Text View  
Button
```

```
android:id="@+id/41"
```

```
android:layout_width="355dp"
```

```
android:layout_height="74dp"
```

```
android:layout_alignParentTop="True"
```

```
android:layout_centerHorizontal="True">
```

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~~android~~

< Edit Text

android:layout_width="match-parent"

android:layout_height="wrap-content"

android:id="@+id/et-1"

android:inputType="text"

android:padding="30dp"

android:layout_marginTop="30dp"/>

< Button

android:layout_width="wrap-content"

android:layout_height="wrap-content"

android:text="click here"

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

android:textSize="30dp"

android:background="@color/lt-1"

android:layout_marginTop="40dp"/>

< RelativeLayout

Java Code :

package com.example.implicit_intent;

import

android.support.app.AppCompatActivity;

import android.content.Intent;

import android.net.Uri;

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import

~~android.os.Bundle~~

import android.os.Bundle; import android.view.View;

import android.widget.Button;

import android.widget.EditText;

public class MainActivity extends

AppCompatActivity {
 EditText et1;

Button b1;

Button b2;

Button b3;

Button b4;

Button b5;

Button b6;

Button b7;

Button b8;

Button b9;

Button b10;

Button b11;

Button b12;

Button b13;

Button b14;

Button b15;

Button b16;

Button b17;

Button b18;

Button b19;

Button b20;

protected void onCreate(Bundle savedInstanceState) {

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```
super.onCreate (save instance state);  
setContentView (R.layout.activity_main);  
et = findViewById (R.id.btn_1);  
btn.setOnClickListener (new View.OnClickListener()  
{
```

```
@Override
```

```
public void onClick (View v) {  
    String
```

```
s = et.getText().toString();
```

```
Intent i = new Intent (Intent.ACTION_VIEW,  
Uri.parse (s)); startActivity (i);
```

```
}
```

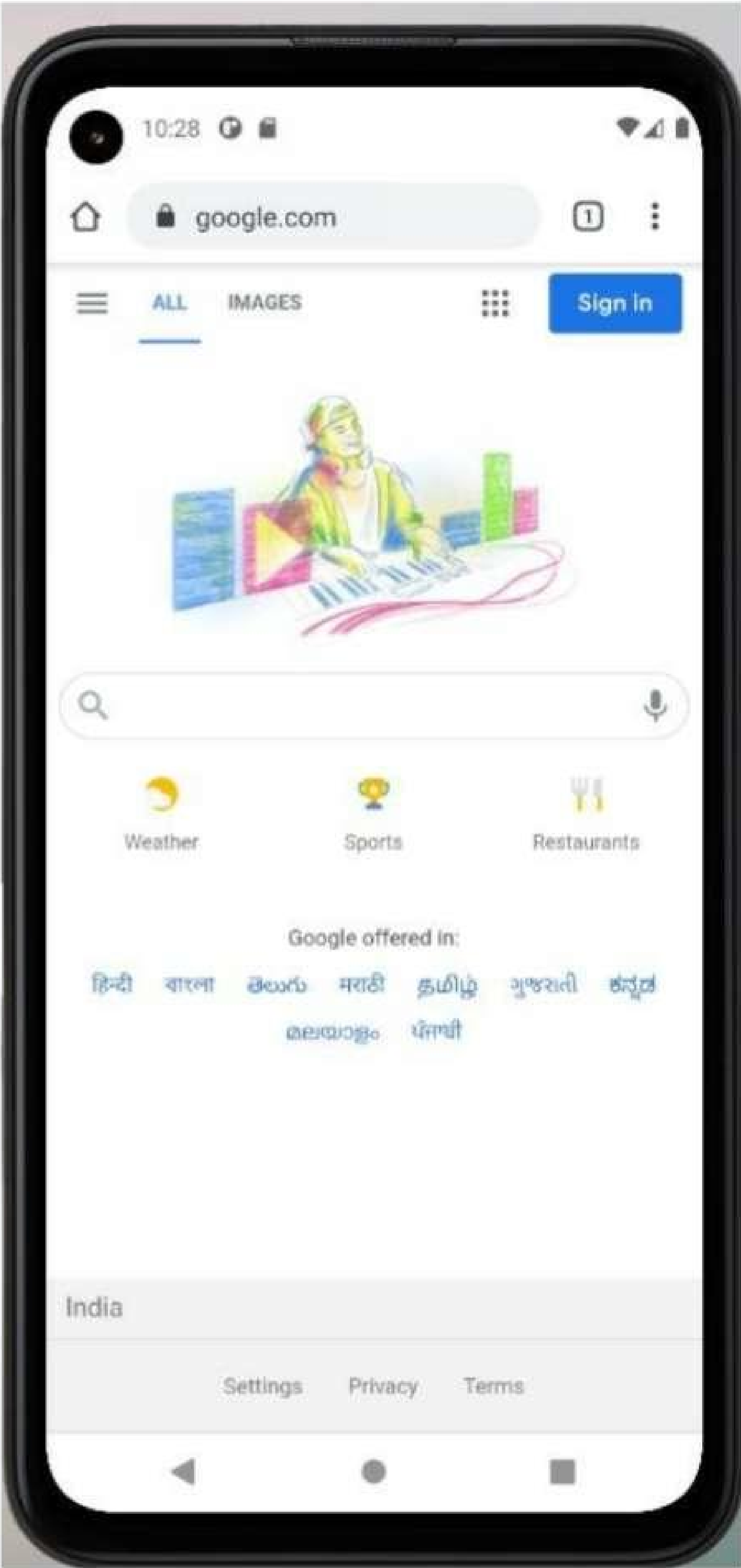
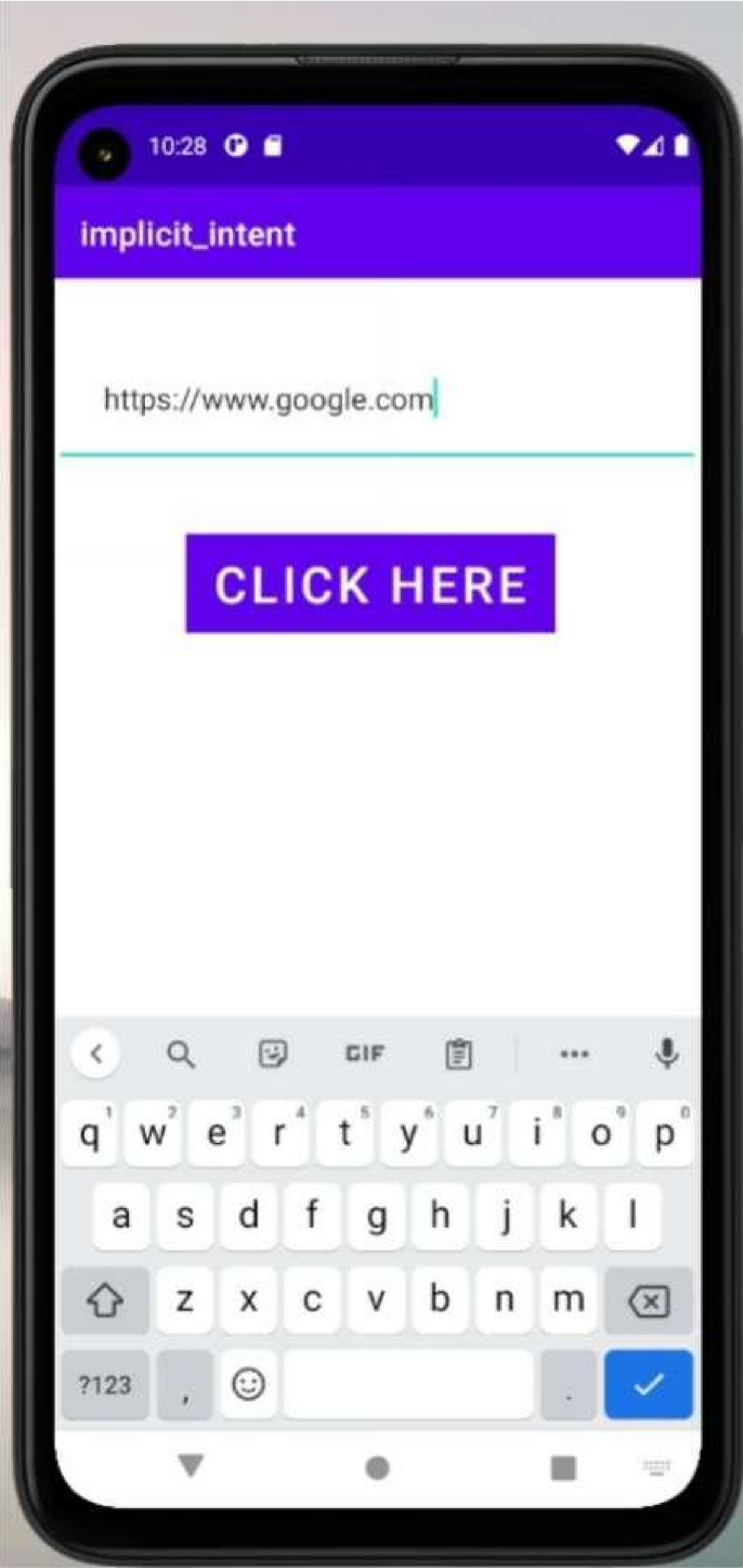
```
});
```

```
}
```

```
}
```

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OUTPUT:



*) explicit

1. XML MAIN FILE

```
<?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-
```

```
android:tools="https://schemas.android.com/tools" android:layout_width="match-parent" android:layout_height="match-parent"
```

```
tools:context=". MainActivity" >
```


< Text View

```
android:layout_width="match-parent",  
android:layout_height="wrap-content"  
android:text="Hello, This is activity 2"  
android:gravity="center"  
android:layout_marginTop="90dp"  
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"/>
```

</Relative Layout>

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Java code

```
package com.example.explicit_intent;
```

```
import androidx.appcompat.app.AppCompatActivity;
```

```
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;
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```

protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);
    tv = findViewById(R.id.tv_1);
    btn = findViewById(R.id.btn_1);
    btn.setOnClickListener() {
        @Override
        public void onClick(View v) {
            intent i = new Intent(getApplicationContext(),
            Activity2.class);
            startActivity(i);
        }
    }
}
}
}

```

Main Activity-2 code :

```

<?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"

```

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```
android: layout_ height width = "match-parent"  
android: layout_ height = "match-parent"  
tools: context = ".Activity 2" >
```

< Text View

```
android: layout_ width = "match-parent"  
android: layout_ height = "wrap-content"  
android: text = "Hello This is Activity 2"  
android: text size = "40 dp"  
android: layout_ centerVertical = "true"  
android: text color = "@color/text teal_200" />  
< /Relative Layout >
```

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