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① Explicit Intent

Main Activity Code

```xml
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="https://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="wrap_content"
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"
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/btn1"
```

```
android : layout -contxxa Horizontel = "true"
android : txt = "Click Here for Activity 2" />
```

```
</RelativeLayout>
```

JAVA CODE

```java
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;
Button btn;
@Override
protected void onCreate (Bundle savedInstanceState
    { super.onCreate (saved InstanceState);
    set ContentView( R.layout.activity_main );

    tv= findViewById ( R.id.tv_1);
    btn = findViewById ( R.id.btn1);
    btn.setOnClickListener(new View.OnClickListener(
    {
```

```java
@Override
Public void onClick(view v) {
    Inten i = new
    Intent(get ApplicationContext(), Activity2 class);
    startActivity(i);
```
```
})
;
```

Implicit Intent
Activity main xml
```xml
<?xml version="1.0" encoding="utf-8"?>
<android.support.constro RelativeLayout xmlns:android=
"https://schemas.android.com/apk/res/android"
xmlns:app="http://schemas.android.com/apk/res-auto"
xmlns:tools="http://schema.android.com/tools"
android:layout_width="match_parent"
android:layout_heigh="match-parent
tools.content="example.javapoint.com.implicitinent.
MainActivity">

<Edit Text
android:id="@+id/editText"
    -H- - _width="wrap-content"
    - H - _height="wrap-content"
    -1) - margnEnd = "8db"
    -'.- -margin.Start = "8 dp"
    '1 - margin Top = "60dp"
```

```
" : end = " 1 0 "
app: layout- constraint End_to End of = "parent"
    "         ""        " Horizontal_bias = "0.575
    "         ""        ""   Start _ to StartOf = "parent
    "         "         " "   Top _ to TopOf = "parent"/>


<Button

android : id = "@+id/button"
    "      : layout_width = "wrap_content"
    "        "    _ height = "is"
    "        "    margin Right = "8dp"
    "        "    margin Left = "156 dp
    "        "    margin Top = "172 db"
    "        " text = "Visit"
    "
app: layout_ constraint End_to EndOf = "parent"
    "          "            "" Horizontal_bias = "0.0"
    ""         "            "" Start_to StartOf = "parent"
    ""         "            "" Top_to BottomOf = "@+id/editTed


</Relativelayout>

JAVA

package - - - - - -

import .android.content.Intent;
- - - - .net.Uri;
```

```
. - - - - OS.Bundle;
- - - - - view.View;
- - . - widget.Button;
- - - - Edit.Text;

public class MainActivity extends App CompatActivity {

Button button;
Edittext editext;

@Override

protected void onCreate(: - - - - ) {
    super.onCreat - - - - -
    setContentView (R.layout-activity-main);

    button = findViewById (R.id.button);
    editText = findView ById (R.id.editText);

    button.setOnClickListener(new View.OnClickListener()
    {
        @override
        public void onclick (View view) {
            String url = editText.getText().toString()
            Intent intent = new Intent(Intent.ACTION_VIEW,
                Uri.parse(url));
            startActivity(intent);
        }
    });
}
```

VISIT

https://www.javatpoint.com

VISIT

Hello, This is Activity1

CLICK HERE FOR ACTIVITY2

Hello This is Activity2

2) Activity life Cycle

activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schema
android.com/apk/res/androic

xmlns:app="http://schemas.andriod.com/apk/res-a
xmlns:tods="http://schemas.andriod.com/tools"
android:layout_width="match_parent"
            :height="match_parent"

tools:context=".MainActivity">


<TextView
android:_ _ _width="wrap_content
    ,,  _ _ height="wrap_content
    ,,.     text = "Hello World"
app_ _ _ _ constraintLeft_toLeftOf = "parent"
 ,,  _ _ _ ,,,, Bottom_toBottomOf="parad"
 ,,  _ _ _ _ ,,,, Right_toRightOf = "parent"
 ,,  _  _ _ _ ,,,, Top_toTopof "parent"/>

</RelativeLayout>
```

JAVA

```java
package com.activitylifecycle;
import _ _ _ _ _ Activity;
import _ _ _ _ _ os.Bundle;
import _ _ _ _ _ util.Log;

public class MainActivity extends AppCompatActivity {
public static final String status= MainActivity.class
.getSimpleName();

@Override
protected void onCreate(Bundle savedInstanceState) {
super.onCreate(savedInstanceState);
setContentView(R.layout.activity_main);
log.i(status, "In method onCreate");
}

@Override
protected void onStart() {
super.onStart();
log.i(status, "In method OnStart");
}

@Override
protected void onResume() {
super.onResume();
log.i(status, "In method OnResume");
}
}
```

```java
@Override
protect void OnPause() {
super.onPause();
log.i(status, "In method OnPause");
}

@Override
Protected void onStop() {
super.onStop();
log.i(status, "In method OnStop");
}

@Override
protected void onDestroy() {
super.onDestroy();
log.i(status, "In method on Destroy"
}
```