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Course: Bca 5th B

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------------Main Java file-----------------

```java
package com.example.implicit_explicit;

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.EditText;

public class MainActivity extends AppCompatActivity {

    EditText et;

    Button b1, b2;

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_main);

        et = findViewById(R.id.et);

        b1 = findViewById(R.id.button1);

        b1.setOnClickListener(new View.OnClickListener() {

            @Override

            public void onClick(View view) {

                String url = et.getText().toString();

                Intent in = new Intent(Intent.ACTION_VIEW, Uri.parse(url));
```

```java
            startActivity(in);

        }

    });

    b2 = findViewById(R.id.button2);

    b2.setOnClickListener(new View.OnClickListener() {

        @Override

        public void onClick(View view) {

            Intent i = new Intent(getApplicationContext(), Activity2.class);

            startActivity(i);

        }

    });



}
}
```

-----------------------**Main XML**-------------------------
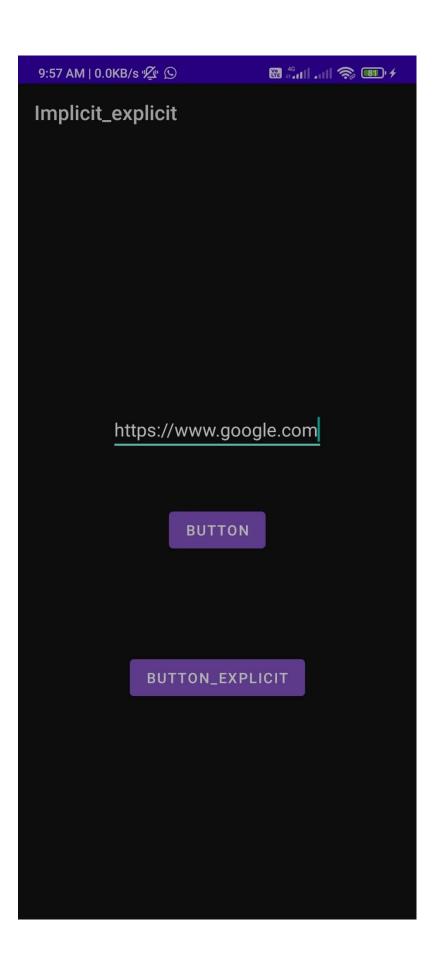
```xml
<?xml version="1.0" encoding="utf-8"?>

<androidx.constraintlayout.widget.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">

    <Button

        android:id="@+id/button1"

        android:layout_width="wrap_content"
```

```xml
        android:layout_height="wrap_content"

        android:text="Button"

        app:layout_constraintBottom_toBottomOf="parent"

        app:layout_constraintEnd_toEndOf="parent"

        app:layout_constraintStart_toStartOf="parent"

        app:layout_constraintTop_toTopOf="parent" />
    <EditText

        android:id="@+id/et"

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:ems="10"

        android:inputType="textPersonName"

        android:text="URL_implicit"

        app:layout_constraintBottom_toTopOf="@+id/button1"

        app:layout_constraintEnd_toEndOf="parent"

        app:layout_constraintStart_toStartOf="parent"

        app:layout_constraintTop_toTopOf="parent"

        app:layout_constraintVertical_bias="0.835" />


    <Button

        android:id="@+id/button2"

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:text="Button_explicit"

        app:layout_constraintBottom_toBottomOf="parent"

        app:layout_constraintEnd_toEndOf="parent"

        app:layout_constraintHorizontal_bias="0.501"

        app:layout_constraintStart_toStartOf="parent"

        app:layout_constraintTop_toTopOf="parent"
```

```
            app:layout_constraintVertical_bias="0.702" />




</androidx.constraintlayout.widget.ConstraintLayout>
```

------------**Main Java file**-----------------

```java
package com.example.implicit_explicit;


import androidx.appcompat.app.AppCompatActivity;


import android.os.Bundle;


public class Activity2 extends AppCompatActivity {


    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_2);
    }
}
```

----------------------**Activity 2 XML**-------------------------


```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
```

```xml
    xmlns:tools="http://schemas.android.com/tools"

    android:layout_width="match_parent"

    android:layout_height="match_parent"

    tools:context=".Activity2">


    <TextView

        android:id="@+id/textView"

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:text="Second Activity"

        android:textStyle="bold"

        android:textSize="20sp"

        android:padding="20dp"

        android:background="@color/purple_200"

        app:layout_constraintBottom_toBottomOf="parent"

        app:layout_constraintEnd_toEndOf="parent"

        app:layout_constraintStart_toStartOf="parent"

        app:layout_constraintTop_toTopOf="parent" />

</androidx.constraintlayout.widget.ConstraintLayout>
```

Implicit_explicit

https://www.google.com

BUTTON

BUTTON_EXPLICIT

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MainActivity. java

```java
package com.example.implicit_explicit
import androidx..appcompat.app.AppCompat Activity;
import android..net.Uri;
import android.view.View;
import android.widget.Button;
import android.widget.Button;
Import .android.widget.EditText;
public class .MainActivity extends .AppCompatActivity
{
    EditText et;
    Button B1, b2;
    @Override
    protected void onCreate (.Bundle savedInstanceState)
    {   super.onCreate (savedInstanceState);
        setContentView ( R.layout.activity_main);
        et = findViewById (. R.id.et)
        bl = findViewById ( R.id.button 1);
```

```java
bl.setOnClickListener ( new View.OnClickListener () {
    @Override
    public void onClick ( View view) {
        String url = et.getText ().toString();
        Intent in = new Intent ( Intent. ACTION_VIEW
                                  Uri.parse(url)),
        startActivity (in);
    }
});

b2.= findViewById ( R.id.button2);
b2.setOnClickListener ( new View.OnClickListener () {
    @Override
    public void onClick ( View .view) {
        Intent i = new Intent (getApplication Context(),
                                Activity2.class);
        startActivity (i));
    }
});
    }
}
```

activity_main.xml

```xml
<?xml version = "1.0" encoding = "Utf-8"?>

<androidx.constraintlayout.widget.ConstraintLayout
    android:layout_width = "match_parent".
    android:layout_height = "match_parent"

    <Button.
        android:id = "@+id/Button1"
        android:layout_width = "wrap-content"
        android:layout_height = "wrap-content"
        android:text = "Button"
    />

    <EditText.
        android:id ="@+id/et"
        android:text = "URL_Implict"
    />

    <Button
        android:id = "@+id/button2"
        android:text = "Button-explicit"
    />

</androidx.constraintlayout.widget.ConstraintLayout>
```

Activity 2.java

```java
package com.example.implicit_explicit;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;

public class Activity2 extends AppCompatActivity{

    @Override
    protected void OnCreate (Bundle savedInstance){

        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_2);
    }

}
```

activity_2.xml

```xml
<androidx.constraintlayout.widget.Constraintlayout>
```

```xml
<TextView
    android:id = "@+id/textView"
    android:text = "Second Activity"
    android:padding = "20dp"
    android:background = "@color/purple-200"

</androidx.constraintlayout.widget.ConstraintLayout>
```