Name- Mohit Solanki ; Course - BCA 5 B

Roll No - 1921101/29 , Sub - Mobile Application Development Mid-Term
Practical

Implicit Intent

Ans-1 activity_main.xml

```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"
        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_marginTop = "40 db"
android: layout_margin End= "132 db"
android : text =   "Click"
app: layout_constraint End_toEndOF="@+id/editText1"
app: layout_constraind Top_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;


public class  MainActivity extends Activity {
    @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);
```

```java
button.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v)
    {
        String url = editText1.getText().toString();
        Intent intent = new Intent(Intent.ACTION_VIEW, Uri.
                                        parse(url));
        startActivity(intent);
    }
});
}
}
```

ImplicitIntent_Example

_____

CLICK

ImplicitIntent_Example

https://www.geeksforgeeks.org

CLICK

Explicit Intent

Main Activity-1

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


    <TextView
        android:layout_width: "match_parent"
        android:layout_height = "wrap_content"
        android:text= "Hello, This is Activity I"
        android:gravity = "center"
        android:layout_marginTop = "90dp"
        android:textsize= "90dp"
```
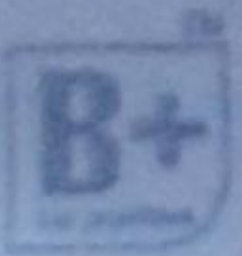
```
android:textColor = "@color/teal_200"
android:textStyle = "bold"
android:id = "@+id/tv_1"/>

<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_centerHorizontal="true"
    android:text="Click Here for Activity 2"/>
</RelativeLayout>
```

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;
        Button btn;
        @Override
    protected void onCreate(Bundle savedInstanceState)
        {super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
```

```java
tv = findViewById(R.id. tv_1);
btn = findViewById(R.id. btn1);
    btn.setOnClickListener(new View.OnClickListener(){
        @override
    public void onClick (View v){
        Intent i = new
        Intent(getApplicationContext(), Activity2. class);
        StartActivity (i);
        }
    });
    }
}
```

Main Activity - 2

```xml
<?xml version = "1.0" encoding = "utf-8"?>
<RelativeLayout
 xmlns: android ="https://schemas.android.com/apk/res/android"
 xmlns: app ="https://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 = ".Activity2">
<TextView
    android: layout_width ="match_parent"
    android: layout_height ="wrap_content"
    android: text: "Hello This is Activity2"
    android: textSize: "40dp"
    android: layout_centerHorizontal =" true"
    android: layout_centerVertical= "true"
    android: textColor = "@Color/teal_200"/>
</RelativeLayout>
```