Mid term Practical

1   Implicit intent

XML file


```xml
<?xml version = "1.0" encoding = "utf-8"?>
    <relativeLayout
    xmlns: android id = "http://schemas.android.com/apk/res/android"
    xmlns:app = "http:schemas.android.com/apk/res-auto"
    xmlns:tools = "http://schemas.android.com/toots"
    android: layout_width = "match_parent"
    android: layout_height = "match_parent"
    tools: context = ".MainActivity">
    <EditText
        android:layout_width = "match_parent"
        android:layout_height = "wrap_content"
        android: id = "@+id/et_1"
        android: inputType = "Text"
        android: padding = "30dp"
        android: layout_margineTop = '30dp"/>
    <Button
        android:layout_width= "wrap-content"
        android: layout_height = "wrap content"
        android: id = "@+id/btn_1"
        android: textSize = "30dp"
        android: background = "@color/teal_700"
```

```
android: layout_below = "@+id/et_1"
android : layout_margineLeft = "80dp"
android: layout_margineTop = "40dp" />
</RelativeLayout>
```

Java Code

```
Packag com.example.implicit_intent;
import
        androidx.apprompat.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 e1;
    Button bt;
    @ Override
    Protected void onCreate (Bundle saveInstanceState)
    {  super.onCreate (saved InstanceState);
        setContentView (R. layout.activity_main );
        e1 = findViewById (R.id.et_1);
        btn = findViewById (R.id. btn_1);
        btn.setOnClickListener (now View.OnClickListener ()

        {   @ Override
            Public void
                onClick( View V ) {
                        String s = e1.getText().toString() ;
                        Intent i = new Intent (Intent. ACTION_VIEW , Uri.
                                    Parse(s));
                        startActivity (i) ;  } }); } }
```

Explicit intent

XML code 1

```xml
<?xml version = "1.0" encoding = "utf-8"?>
<RelativeLayout
    xmlns:android = "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 = ".MainActivity">
<TextView
    android:layout_width = "match-parent"
    android:layout_height = "wrap_content"
    android:text = "Hello, Activity 1"
    android:gravity = "center"
    android:textColor = "@color/teal_200"
    android:id = "@+id/tv_1"/>
<Button
    android:layout_width = "wrap-content"
    android:layout_height = "wrap-content"
    android:layout_below = "@+id/tv_1"
    android:layout android:id = "@+id/btn1"
    android:text = "Click Here for Activity2"/>
</RelativeLayout>
```

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

    xmlns:android = "http://schemas.android.com/apk/res/android"
    xmlns:tools = "http://schemas.android.com/apk/res-auto"
    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:textColor = "@color/teal_200"/>
  </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 main MainActivity extends AppCompatActivity {

   TextView tv;
   Button btn;

   @Override
   Protected void onCreate(Bundle savedInstanceState)
```

```java
{
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity-main);
    tv = findViewById(R.id.tv-1);
    btn = findViewById(R.id.btn1);
    btn.setOnClickListener(newView.OnClickListener()
    {
        @Override
        public void onClick(View v)
        {   Intent i = new Intent(getApplicationContext(),
                    Activity 2. class);
            startActivity(i);
        }
    });
}
}
```