## Practical – 34: Write a program to demonstrate use of Explicit Intent of Android.

## MainActivity.java

<Button

```
package com.example.explicite intent;
import androidx.appcompat.app.AppCompatActivity;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
public class MainActivity extends AppCompatActivity {
    Button fab;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity main);
        fab=(Button) findViewById(R.id.button);
        fab.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent i=new
Intent(MainActivity.this, SecondActivity.class);
                startActivity(i);
        });
   }
}
activity_main.xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout</pre>
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">
    <TextView
        android:id="@+id/textView"
        android:layout width="wrap content"
        android:layout height="wrap content"
        android:text="First Activity"
        app:layout constraintBottom toBottomOf="parent"
        app:layout constraintEnd toEndOf="parent"
        app:layout constraintHorizontal bias="0.498"
        app:layout constraintLeft toLeftOf="parent"
        app:layout constraintRight toRightOf="parent"
        app:layout constraintStart toStartOf="parent"
        app:layout constraintTop toTopOf="parent"
        app:layout constraintVertical bias="0.386" />
```

```
android:id="@+id/button"
        android:layout width="match parent"
        android:layout height="wrap content"
        android:layout_marginStart="8dp"
        android:layout marginTop="79dp"
        android:text="Second Activity"
        app:layout constraintStart toStartOf="parent"
        app:layout constraintTop toBottomOf="@+id/textView" />
</androidx.constraintlayout.widget.ConstraintLayout>
SecondActivity.java
package com.example.explicite intent;
import androidx.appcompat.app.AppCompatActivity;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
public class SecondActivity extends AppCompatActivity {
    Button sab;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity second);
        sab=findViewById(R.id.button2);
        sab.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                finish();
       });
   }
}
second activity.xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout</pre>
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=".SecondActivity">
    <TextView
        android:id="@+id/textView2"
        android:layout width="0dp"
        android:layout height="wrap content"
        android:layout marginTop="186dp"
        android:text="Second Activity"
        app:layout constraintEnd toEndOf="parent"
        app:layout constraintStart toStartOf="parent"
        app:layout constraintTop toTopOf="parent" />
```

```
<Button
         android:id="@+id/button2"
         android:layout_width="0dp"
android:layout_height="wrap_content"
android:layout_marginTop="249dp"
android:layout_marginBottom="248dp"
         android:text="Back to First Activity"
         app:layout_constraintBottom_toBottomOf="parent"
         app:layout_constraintEnd_toEndOf="parent"
         app:layout_constraintHorizontal_bias="0.0"
         app:layout_constraintStart_toStartOf="parent"
         app:layout_constraintTop_toTopOf="@+id/textView2"
         app:layout constraintVertical bias="0.0" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

## output:

explicite\_intent

First Activity

SECOND ACTIVITY



Second Activity

## BACK TO FIRST ACTIVITY