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Course :- BCA 5(C)
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Sub :- Mobile Application Development
(Practical)

1. Develop an android application to demonstrate Implicit as
   well as Explicit intent.

=>

```xml
<? xml version = "1.0"
encoding = "utf-8"? >
<Relative Layout 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"
  android:Padding = "80dp">

<Button
  android:id = "@+id/b1"
  android:layout_width = "wrap_content"
  android:layout_height = "wrap_content"
  android:layout_margin = "50dp"
  android:gravity = "center"
  android:text = "Activity"

<Relative layout>
```

MAINACTIVITY. JAVA FILE -

```java
Package com. example. explicit_intent;
import androidx. appcompat. app. AppCompat Activity;
import android. content. Intent;
import android. Os. Bundle;
import android. View. View;
import android. widget. Button;
Public class MainActivity extends AppCompat Activity {
    Button btn1;
    @Override
    Protected void On OnCreate (Bundle savedInstanceState){
    Super. OnCreate (savedInstanceState);
        setContentview ( R. layout. activity_main);
        btn1 = findViewById(R.id. b1);
        btn1 - setOnClickListener (new view. OnClickListener () {
        @Override
        public void onClick (view view)
    {
        Intent in = new Intent (get ApplicationContext(), Activity
                    class);
            StartActivity (in);
        }
    });
}
}
```

MAINACTIVITY. JAVA FILE -

```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;
Public class MainActivity extends AppCompatActivity {
    Button btn1;
    @ Override
    Protected void On OnCreate (Bundle savedInstanceState){
    Super. OnCreate (savedInstanceState);
        setContent view ( R. layout. activity_main );
        btn1 = find View By Id (R. id. b1);
        btn1 - set OnClick Listener (new View. OnClick Listener () {
        @ Override
        public void onClick (view view)
    {
        Intent in = new Intent (get Application Context(), Activity
            class);
            Start Activity (in);
    }
        });
    }
}
```

Activity. Main. xmlFile.

```xml
<?xml version = "1.0" encoding = "utf-8"?>
<Relative layout 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 = "Activity 2">

< Text view
android :id = "@ +id /Text view"
android: layout_width ="wrap_content"
android: layout_height = "wrap_content"
android: text = "welcome to another activity"

android: text size ="50dp"
android: padding = ""
android: text color = "@ color/Heal_700"
android: text style = "bold"
android: padding = "50 dp"
android: gravity = "center"/>

</Relative layout>
```

2nd Main Activity . Javafile
```java
Package com. example.explicit_Intent;
import androidx. appcompat.app.AppCompatActivity;
import android . OS. Bundle
public class Activity 2 extends AppCompatActivity {
@over
```

```
@ override
protected void onCreate (Bundle SavedInstanceState) {
Super.onCreate (savedInstanceState);
Set ContentView (R.layout.activity-2);
}
}
```

```
2021-09-10 15:20:11.040 5947-5947/com.example.myapp I/MainActivity: In method onStart
2021-09-10 15:20:11.668 5947-5947/com.example.myapp I/MainActivity: In method onResume
2021-09-10 15:20:11.978 5947-5973/com.example.myapp D/EGL_emulation: eglMakeCurrent: 0xa53a6ba0: ver 3 1 (tinfo 0xb05857f0)
2021-09-10 15:20:17.192 5947-5947/com.example.myapp I/MainActivity: In method onPause
2021-09-10 15:20:17.243 5947-5973/com.example.myapp D/EGL_emulation: eglMakeCurrent: 0xa53a6ba0: ver 3 1 (tinfo 0xb05857f0)
2021-09-10 15:20:17.250 5947-5947/com.example.myapp I/MainActivity: In method onStop
2021-09-10 15:20:39.238 5947-5947/com.example.myapp I/MainActivity: In method onStart
2021-09-10 15:20:39.242 5947-5947/com.example.myapp I/MainActivity: In method onResume
2021-09-10 15:20:39.506 5947-5973/com.example.myapp D/EGL_emulation: eglMakeCurrent: 0xa53a6ba0: ver 3 1 (tinfo 0xb05857f0)
```