

Name - Rishabh Gupta
Course - BCA Date - 11/10/21
Sub - Mobile Application Development
Code - PBC 502 Sec - C

CLASSMATE
Date
Page

Q1. Develop an android application to demonstrate Implicit as well as Explicit Intent.
Code for implicit

```
import android.app.Activity;  
import android.os.Bundle;  
import android.util.Log;
```

```
public class MainActivity extends Activity {
```

@ override

```
protected void onCreate(Bundle savedInstanceState) {  
    super.onCreate(savedInstanceState);  
    setContentView(R.layout.activity_main);  
    Log.d("lifecycle", "onCreate invoked");  
}
```

@ override

```
protected void onStart() {  
    super.onStart();  
    Log.d("lifecycle", "onStart invoked");  
}
```

@ override

```
protected void onResume() {  
    super.onResume();  
    Log.d("lifecycle", "onResume invoked");  
}
```

@ override

```
protected void onPause() {  
    super.onPause();  
    Log.d("lifecycle", "onPause invoked");  
}
```

Rishabh

{

@ override

protected void onStop() {

super.onStop();

Log.d("lifecycle", "onStop invoked");

{

@ override

protected void onRestart() {

super.onRestart();

Log.d("lifecycle", "onRestart invoked");

{

@ override

protected void onDestroy() {

super.onDestroy();

Log.d("lifecycle", "onDestroy invoked");

{

{

Rishabh

Complete code of Explicit Intent

```
<?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.ConstraintLayout
xmlns:android="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="org.explicit-intent.MainActivity" >
```

<!-- add a Button to move to next Activity -->

< Button

```
    android:id="@+id/Button01"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentLeft="true"
    android:layout_below="@+id/TextView01"
    android:layout_marginTop="20dp"
    android:onClick="onClick"
    android:text="Go To Other Activity"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    tools:ignore="onClick" />
```

<!-- add a TextView to write some text on activity -->

< TextView

Rishabh

```
android : id = "@+id/TextView 01"  
android : layout - width = "wrap content"  
android : layout - height = "wrap - content"  
android : layout - alignLeft = "@+id/Buttons 01"  
android : layout - alignParentTop = "true"  
android : layout - marginTop = "44dp"  
android : minHeight = "60dp"  
android : text = "This is first Activity"  
android : textSize = "20sp"  
app : layout - constraintEnd - toEndOf = "parent"  
app : layout - constraintStart - toStartOf = "parent"  
app : layout - constraintTop - toTopOf = "parent"/>  
</android.support.constraint.ConstraintLayout>
```

Rishi