

Graphic Era Hill University

Campus :- Dehradun

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Sem → 5 Sec → B Class Rollno → 10 St. ID → 19042141  
Date → 01/10/21 Subject → Mobile Application Development  
Lab (PBC 502)

Pg (1)

## Q1) Explicit and Implicit Intent:- (1)

① activity-main.xml:- [Explicit Intent]

```
<?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="Main Activity"
```

```
    android:padding="50dp">
```

```
<Button
```

```
    android:id="@+id/b1"
```

```
    android:text="Next Activity"
```

```
    android:layout_width="wrap_content"
```

```
    android:layout_height="wrap_content"
```

```
    android:gravity="center"
```

```
    android:layout_margin="50dp"/>
```

```
</RelativeLayout>
```

*Anushka*

②  
① MainActivity.java :-

```
package com.example.explicitintent;  
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 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 v) {
```

```
                Intent in = new Intent(getApplicationContext().  
                    Context(), Activity2.class);  
                startActivity(in);
```

```
            }  
        }  
    }  
}
```

Drusht



① activity2.xml :-

③

```
<?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=".Activity2">
    <TextView
        android:layout_width="wrap-content"
        android:layout_height="wrap-
            content"
        android:text="Welcome to another activity"
        android:textSize="50sp"
        android:textColor="@color/purple_700"
        android:textStyle="bold"
        android:padding="50dp"
        android:gravity="center" />
    </RelativeLayout>
```

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① Activity2.java :-

④

```
package com.example.explicitIntent;  
import android.app.AppCompatActivity;  
import android.os.Bundle;  
public class Activity2 extends AppCompatActivity {
```

① Override

```
protected void onCreate(Bundle savedInstanceState) {
```

```
super.onCreate(savedInstanceState);  
setContentView(R.layout.activity_2);
```

```
}
```

① Override

X

X

# ExplicitIntent

**NEXT ACTIVITY**

**ExplicitIntent**

**Welcome  
to another  
activity**



⑤ activity-main.xml :- [Implicit Intent] ⑤  
<?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="wrap\_content"  
tools:context=".MainActivity">

<EditText  
android:id="@+id/et1"  
android:layout\_width="match\_parent"  
android:layout\_height="wrap\_content"  
android:layout\_marginStart="@android:dimen/app\_icon\_size"  
android:layout\_marginTop="@android:dimen/app\_icon\_size"  
android:layout\_marginEnd="@android:dimen/app\_icon\_size"  
android:layout\_marginBottom="@android:dimen/app\_icon\_size" />

Amishka



<Button

(6.)

android:layout\_width="match-parent"

android:layout\_height="wrap-content"

android:id="@+id/b1"

android:layout\_below="@id/et1"

android:text="visit"

android:textSize="20 sp"

android:textStyle="bold" />

</RelativeLayout>

---

© MainActivity.java :-

package com.example.implicitintent;  
import androidx.appcompat.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 et;

Button b1;

@Override

@Anushka

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentLayout(R.layout.activity\_main);

et1 = findViewById(R.id.et1);

bt1 = findViewById(R.id.bt1);

bt1.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

String url = et1.getText().toString();

Intent in = new Intent(Intent.ACTION\_VIEW, Uri.parse(url));

};

};

};

---

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**ImplicitIntent**



**VISIT**



**ImplicitIntent**

<https://www.YouTube.com>

**VISIT**

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