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Course = BCA 5A

Roll No. = 1921147 / 49
Subject = Mobile Application Development (PBC-502)

Mid-Term practical

Ans-1 Code for Implicit intent:-

activity_main.xml :-

```
<?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.ConstraintLayout
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">

<EditText
    android:id="@+id/editText1"
    android:layout_width="0dp"
    android:layout_height="wrap_content"
    android:layout_alignParentTop="true"
    android:layout_centerHorizontal="true"
    android:layout_marginTop="136dp"
    android:ems="10"
    app:layout_constraintEnd_toEndof="parent"
    app:layout_constraintStart_toStartof="parent"
    app:layout_constraintTop_toTopof="parent"/>

<Button
    android:id="@+id/button1"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_bellow="@+id/editText1"
    android:layout_marginEnd="132dp"
    android:layout_marginTop="49dp"
    android:text="click"
    app:layout_constraintTop_toBottomof="@+id/editText1"/>

</android.support.constraint.ConstraintLayout>
```

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MainActivity.java

Package com.example.implicit

import android.app.Activity;

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 Activity {

@Override

protected void onCreate (Bundle savedInstanceState)

{

super.onCreate (savedInstanceState);

setContentView (R.layout.activity_main);

final EditText editText1 = (EditText) findViewById (R.id.editText1);

Button button = (Button) findViewById (R.id.button1);

button.setOnClickListener (new View.OnClickListener ()

{

@Override

public void onClick (View v)

{

String url = editText1.getText ().toString ();

Intent intent = new Intent (Intent.ACTION_VIEW,

Uri.parse (url));

startActivity (intent);

}

});

}

}

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Code for Explicit Intent.

activity_main.xml -1

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

<Text View

```
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="Hello world This is Activity 1"
    android:gravity="center"
    android:layout_marginTop="90 dp"
    android:textStyle="bold"
    android:id="@+id/tv-1"/>
```

<Button

```
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@id/tv-1"
    android:layout_marginTop="60 dp"
```

```
</RelativeLayout>
```

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MainActivity.java

```
Package.com.example.explicit-intent;  
import androidx.appcompat.app.AppCompatActivity;  
import android.widget.TextView;  
public class MainActivity extends AppCompatActivity {  
    TextView tv;  
    public void onClick(View v) {  
        Intent i = new Intent(getApplicationContext(),  
            Activity2.class); startActivity(i);  
    }  
}
```