

Name : Shivanshu Bisht

Course : BCA

Sem : 5th

Subject : Mobile Application Development

Roll no : 1921170

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: toolsapp = "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_below = "@ + id/editText1"
```

```
    android: layout_centerHorizontal = "true"
```

```
    android: layout_marginTop = "49dp"
```

```
    android: layout_marginEnd = "132dp"
```

```
    android: text = "Click"
```

```
    app: layout_constraintEnd_toEndOf = "@ + id/editText1"
```

```
    app: layout_constraintTop_toBottomOf = "@ + id/editText1"
```

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

MainActivity.java

```
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);
```

```
    }
```

```
});
```

```
}
```

```
}
```

Explicit intent

Main Activity-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="Main-Activity">
```

```
<TextView
```

```
android:layout_width="match-parent"
```

```
android:layout_height="wrap-content"
```

```
android:text="Hello, This is Activity 1"
```

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

```
android:layout_marginTop="90dp"
```

```
android:textSize="40dp"
```

```
android:textColor="@color/teal-
```

```
200"
```

```
android:textStyle="bold"
```

```
android:id="@+id/Av-1"/>
```

{

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

Intent intent = new Intent(Intent.
ACTION_VIEW, Uri.parse(url));
startActivity(intent);

}

};

{

2

Code for Explicit Intent

~~Java Code!~~ MainActivity - 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;
```

```
import android.widget.TextView;
```

```
public class MainActivity extends  
AppCompatActivity {  
    TextView tv;  
    Button btn;
```

@Override

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

```
{ super.onCreate(savedInstanceState);
```

```
    setContentView(R.layout.activity_main);
```

```
    tv = findViewById(R.id.tv1);
```

```
    btn = findViewById(R.id.btn1);
```

```
    btn.setOnClickListener(new View.OnClickListener() {
```

@Override

```
public void onClick(View v) {
```

```
    Intent i = new
```

```
Intent(getApplicationContext(), Activity2.class);
```

DATE _____

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start Activity (i);

}

});

}

}

Main Activity-2 code :-

```
<?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"
```

```
xmlnsxmlns:tools="http://schemas.android.com/tools"
```

```
android:layout_width="match_parent"
```

```
android:layout_height="match_parent"
```

```
tools:context=".Activity2">
```

```
<TextView
```

```
android:layout_width="match_parent"
```

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

```
android:text="Hello This is Activity2"
```

```
android:textSize="40dp"
```

```
android:layout_centerHorizontal="true"
```

```
android:layout_centerVertical="true"
```

```
android:textColor="@color/red_200">
```

```
</RelativeLayout>
```


<Button

android:layout_width = "wrap-content"

android:layout_height = "wrap-content"

android:layout_below = "@+id/tv_1"

android:layout_margin_top = "60dp"

android:id = "@+id/btn1"

android:layout_centerHorizontal = "true"

android:text = "Click Here for Activity2"

</RelativeLayout>

Activity 2. Java

```

import android.app.Activity;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.view.View.OnClickListener;
import android.widget.Button;

public class Activity2 extends Activity {

    Button button1;

    @Override
    public void onCreate(Bundle bundle)
    {
        super.onCreate(bundle);
        setContentView(R.layout.activity_two);
        button1 = (Button) findViewById(R.id.Button01);
        button1.setOnClickListener(new OnClickListener() {
            public void onClick(View view)
            {
                Intent i = new Intent(getApplicationContext(),
                    MainActivity.class);
                startActivity(i);
            }
        });
    }
}

```