

## Mid-term Online Practical

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Course - BCA    Sec - A    Sem - V<sup>th</sup>    Sub - Mobile APP Development

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Q.1)

Ans) Implicit Intent

### 1. > XML Main File

```
<?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" xmlns:tools="http://schemas.android.com/tools"
```

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

```
height="match-parent"
```

```
tools:context="main Activity">
```

```
<EditText
```

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

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

```
android:id="@+id/et-1"
```

```
android:inputType="text"
```

```
android:padding="30dp"
```

```
android:layout_marginTop="30dp"/>
```

```
<Button
```

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

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

Q.1



```

    android:text = "Click here"
    android:id = "@+id/btn_1"
    android:textSize = "30dp"
    android:background = "@color/teal_700"
    android:layout_below = "@+id/et_1"
    android:layout_marginLeft = "80dp"
    android:layout_marginTop = "40dp"/>

```

</Relative layout>

### JAVA Code:-

```

Package com.example.implicit.intent;
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 e1;
    Button btn;

    @Override
    Protected void onCreate (Bundle savedInstanceState)
    {
        Super.onCreate (savedInstanceState);
        setContentView (R.layout.activity_main);
        e1 = findViewById (R.id.et_1);
    }
}

```

*(Signature)*



btn = findViewById(R.id.btn-1)

btn.setOnClickListener(new View.OnClickListener() {

{

@Override

public void onClick (View v)

{

String

S = e1.getText().toString()

Intent i = new Intent (Intent.ACTION\_VIEW, Uri.parse(S));

startActivity(i);

}

});

}

}

QV



## Explicit Intent:-

### Activity - main.xml:-

<?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">

#### <TextView

android:layout\_width="match-parent"

android:layout\_height="wrap-content"

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

android:gravity="center"

android:layout\_marginTop="40dp"

android:textSize="40dp"

android:textColor="@color/teal-200"

android:textStyle="bold"

android:id="@+id/tv\_1"/>

#### <Button

android:layout\_width="wrap-content"

android:layout\_height="wrap-content"

R/



android:layout:below="@+id/tv-1"

android:layout\_marginTop="60dp"

android:id="@+id/btn1"

android:layout:centerHorizontal="true"

android:text="Click here for Activity 2"/>

</RelativeLayout>

Java Code :-

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~~ Bundle savedInstanceState)

{  
 super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

tv = findViewById(R.id.tv-1);

btn = findViewById(R.id.btn-1);

btn.setOnClickListener(new View.OnClickListener() {

}

Q



@Override

~~protected~~

Public void onClick (view v)

```
{
    Intent i = new
        Intent (get Application Context (), Activity2, Class);
    Start Activity (i);
}
});
```

```
}
```

Main Activity 2 Code:-

< ?xml Version = "1.0" Encoding = "utf-8" ? >

< Related 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"

~~xmlns:~~

android:layout-width = "match-parent"

android:layout-height = "match-parent"

tools:Context = "Activity 2" >

< TextView

android:layout-width = "match-parent"

android:layout-height = "~~match-parent~~" "wrap Content"

Android: text = "Hello this is Activity 2"

android: textSize = "40dp"

android: layout Center Horizontal = "True"

android: layout Center Vertical = "True"

android: text Color = "@ Color / teal 200" / >

< / Relative layout >

CP