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Course - BCA 5 'A'

Roll no - 1921029

Subject - Mobile Application
Development
Practical

Q1

Xml code -

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

```
<LinearLayout xmlns:android="https://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:orientation="vertical"
```

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

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

```
<EditText
```

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

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

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

```
android:layout_marginTop="50dp"
```

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

```
android:importantForAutofill="no"
```

```
android:inputType="textUri"
```

```
android:minHeight="48dp"
```

```
android:hint="@string/url"/>
```

(Anshul)

<Button

```
android: id="@+id/btn"  
android: layout_width="match_parent"  
android: layout_height="wrap_content"  
android: layout_marginLeft="100dp"  
android: layout_marginRight="100dp"  
android: text="@string/btn"  
android: textAlignment="center"/>
```

</LinearLayout>

Java code -

```
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 box;
```

```
    Button btn;
```

```
@Override
```

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

```
{
```

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

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

```
box = findViewById(R.id.box);
```

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

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

```
    @Override
```

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

```
            String url = box.getText().toString();
```

```
            Uri uri = Uri.parse(url);
```

```
            Intent intent = new Intent(Intent.ACTION_VIEW, uri);
```

```
            startActivity(intent);
```

```
        }
```

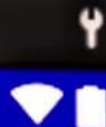
```
    });
```

```
}
```

```
}
```

(Anshul)

11:00



implicit intent

Enter a url

VISIT

Explicit

(4)

Activity main 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">
```

<Button

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

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

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

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

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

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

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

```
</RelativeLayout>
```

MainActivity 1

```
Package com.example.explicit-intent;
```

```
import androidx.appcompat.app.AppCompatActivity;
```

```
import android.content.Intent;
```

```
import android.os.Bundle;
```

```
import android.view.View;
```

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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 view) {

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

startActivity(in);

}

});

}

}

Activity main2

<?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=". Activity2">

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<Text View

```

android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="welcome to another activity"
    android:textSize="50dp"
    android:textColor="@color/purple_500"
    android:padding="50dp"
    android:textStyle="bold"
    android:gravity="center">

```

< /Relative Layout)

Main Activity 2

```

Package com.example.explicit intent;
import android.support.design.widget.AppCompatActivity;
import android.os.Bundle;
public class Activity2 extends AppCompatActivity {

```

@Override

```

    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_2);
    }
}

```

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Explicit Intent

NEXT ACTIVITY

