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Course: BCA

Subject: Mobile Application Development
Practical

Subject Code: PCB-502

Uni-Roll No.: 1921089

Semester: 5th

Section: A

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Mid-Term Practical Exam

Ques. Develop an android application to demonstrate implicit as well as Explicit Intent.

Code: ~~Implicit~~ Main Activity.java

```
Package com.Example.implicit-explicit;
```

```
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 text;
```

```
    Button btn1;
```

```
    Button btn2;
```

```
@Override
```

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

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

Laxmi

(2)

```
setContentView(R.layout.activity-main);
```

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

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

```
btn2 = findViewById(R.id.btn2);
```

```
btn1.setOnClickListener(new View.OnClickListener() {
```

```
@Override
```

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

```
{
```

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

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

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

```
startActivity(intent);
```

```
}
```

```
});
```

```
btn2.setOnClickListener(new View.OnClickListener() {
```

```
@Override
```

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

```
{
```

```
Intent intent = new Intent(MainActivity.this, com.
```

```
example.implicit_explicit.MainActivity2.class);
```

```
startActivity(intent);
```

```
}
```

```
});
```

```
}
```

```
}
```

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activity_main.xml

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

```
<LinearLayout 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:orientation="vertical"
```

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

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

```
<EditText android:id="@+id/tent"
```

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

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

```
android:layout_marginTop="100dp"
```

```
android:hint="enter url"
```

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

```
/>
```

```
<Button android:id="@+id/btn1"
```

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

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

```
android:text="submit"/>
```

```
<Button android:id="@+id/btn2"
```

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

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

```
android:layout_marginTop="100dp"
```


android:text="go to activity two"/>

</LinearLayout>

Activity 2 code

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

<LinearLayout 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~~ android:layout_width="match_parent"

android:layout_height="match_parent"

android:orientation="vertical"

tools:content="Main Activity 2">

<TextView

android:layout_width="match_parent"

android:layout_height="wrap-content" ~~"match-parent"~~

android:layout_marginTop="200dp"

android:gravity="center"

android:text="This is activity two"/>

</LinearLayout>



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implicit-explicit

SUBMIT

GO TO ACTIVITY TWO

This is activity two