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Sec - A, 5th Sem

Subject - Mobile Application Development

MID-TERM PRACTICAL

Xml code

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:orientation="vertical"
    android:layout_height="match_parent"
    tools:context=".Main Activity">
    <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="text Uri"
        android:minHeight="48dp"
        android:hint="@string/uri" />
    <Button
        android:id="@+id/btn"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
```

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```
android:layout_marginLeft = "100dp"
android:layout_marginRight = "100dp"
android:text = "@string/btn"
android:textAlignment = "center"/>
</LinearLayout>
```

Java code -

```
package com.example.implicitintent;
import android.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);
        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);
            }
        });
    }
}
```

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11:00



implicit intent

Enter a url

VISIT



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Code of Explicit Intent

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```

<?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.layout
xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:tools="http://schemas.android.com/tools"
xmlns:app="http://schemas.android.com/apk/res-auto"
android:layout_width="match_parent"
android:layout_height="match_parent"
tools:context="org.example.explicit-intent.MainActivity">
    <Button
        android:id="@+id/Button01"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentLeft="true"
        android:layout_below="@+id/TextView01"
        android:layout_marginTop="20dp"
        android:onClick="onClick"
        android:text="Go To Other Activity"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        tools:ignore="OnClick"/>
    <TextView
        android:id="@+id/TextView01"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignLeft="@+id/Button01"
        android:layout_alignParentTop="true"
        android:layout_marginTop="44dp"
        android:minHeight="60dp"
        android:text="This is first Activity"
        android:textSize="20sp"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintEnd_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"/>
</android.support.constraint.constraintlayout>

```

Shrey

