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SECTION:5CSE-4

### STUDENT DETAILS USING LIISTVIEW

#### 1.MAINACTIVITY.XMI:

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
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"
    android:background="@drawable/img_1"
    tools:context=".MainActivity">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:fontFamily="sans-serif-black"
        android:text="STUDENT DETAILS"
        android:textColor="#673AB7"
        android:textSize="24sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.497"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.057" />

    <ListView
        android:id="@+id/studentList"
        android:layout_width="264dp"
        android:layout_height="313dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toStartOf="@+id/fragmentPortion"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.198" />

    <androidx.fragment.app.FragmentContainerView
        android:id="@+id/fragmentPortion"
        android:name="com.example.myapplication.BlankFragment"
        android:layout_width="158dp"
        android:layout_height="120dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toEndOf="@+id/studentList"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.86" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

#### 2.MAINACTIVITY.JAVA:

```
package com.example.myapplication;
import androidx.appcompat.app.AppCompatActivity;
```

```

import android.app.Fragment;
import android.os.Bundle;
import android.view.View;
import android.widget.AdapterView;
import android.widget.ArrayAdapter;
import android.widget.ListView;
public class MainActivity extends AppCompatActivity {
    ListView list;
    String Stu[] = {"Ani", "Raj", "Navi", "Pallu"};
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        list = findViewById(R.id.studentList);
        ArrayAdapter adapter = new ArrayAdapter(this,
android.R.layout.simple_list_item_1,Stu);
        list.setAdapter(adapter);
        list.setOnItemClickListener(new AdapterView.OnItemClickListener() {
            @Override
            public void onItemClick(AdapterView<?> parent, View view, int
position, long id) {
                BlankFragment frag = (BlankFragment)
getSupportFragmentManager().findFragmentById(R.id.fragmentPortion);
                frag.change(position);
            }
        });
    }
}

```

### 3.FRAGMENT.XML:

```

<?xml version="1.0" encoding="utf-8"?>
<FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".BlankFragment">

    <!-- TODO: Update blank fragment layout -->
    <TextView
        android:id="@+id/result"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:gravity="center_vertical"
        android:text="Name: \nSection Number:"
        android:textAlignment="center"
        android:textSize="18dp"
        android:textStyle="bold"
        tools:ignore="RtlCompat" />

</FrameLayout>

```

### 4.FRAGMENT.JAVA:

```

package com.example.myapplication;

import android.os.Bundle;

```



```

        // Inflate the layout for this fragment
        View view = inflater.inflate(R.layout.fragment_blank, container,
false);
        res = view.findViewById(R.id.result);
        return view;
    }
    public void change(int position) {
        res.setText("Name: "+Users[position]+"\\nSection Number:
"+Section[position]);
    }
}

```

## 5.OUTPUT:

