

activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
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=".MainActivity">
<LinearLayout
android:layout_width="match_parent"
android:layout_height="100dp">
<TextView
android:id="@+id/textView"
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:layout_margin="30dp"
android:text="Details Form"
android:textSize="25sp"
android:gravity="center"/>
</LinearLayout>
<GridLayout
android:id="@+id/gridLayout"
android:layout_width="match_parent"
android:layout_height="match_parent"
android:layout_marginTop="100dp"
android:layout_marginBottom="200dp"
android:columnCount="2"
android:rowCount="3">
<TextView
android:id="@+id/textView1"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_margin="10dp"
android:layout_row="0"
android:layout_column="0"
android:text="Name"
android:textSize="20sp"
android:gravity="center"/>
<EditText
android:id="@+id/editText"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_margin="10dp"
android:layout_row="0"
```

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android:layout_column="1"
android:ems="10"/>
<TextView
android:id="@+id/textView2"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_margin="10dp"
android:layout_row="1"
android:layout_column="0"
android:text="Reg.No"
android:textSize="20sp"
android:gravity="center"/>
<EditText
android:id="@+id/editText2"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_margin="10dp"
android:layout_row="1"
android:layout_column="1"
android:inputType="number"
android:ems="10"/>
<TextView
android:id="@+id/textView3"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_margin="10dp"
android:layout_row="2"
android:layout_column="0"
android:text="Dept"
android:textSize="20sp"
android:gravity="center"/>
<Spinner
android:id="@+id/spinner"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_margin="10dp"
android:layout_row="2"
android:layout_column="1"
android:spinnerMode="dropdown"/>
</GridLayout>
<Button
android:id="@+id/button"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
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android:layout_alignParentBottom="true"
android:layout_centerInParent="true"
android:layout_marginBottom="150dp"
android:text="Submit"/>
</RelativeLayout>
```

```
activity_second.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:layout_height="match_parent"
tools:context=".SecondActivity"
android:orientation="vertical"
android:gravity="center">
<TextView
android:id="@+id/textView1"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_margin="20dp"
android:text="New Text"
android:textSize="30sp"/>
<TextView
android:id="@+id/textView2"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_margin="20dp"
android:text="New Text"
android:textSize="30sp"/>
<TextView
android:id="@+id/textView3"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_margin="20dp"
android:text="New Text"
android:textSize="30sp"/>
</LinearLayout>
```

```
MainActivity.java
package com.example.eventlistener;
import androidx.appcompat.app.AppCompatActivity;
import android.content.Intent;
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import android.os.Bundle;
import android.view.View;
import android.widget.AdapterView;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Spinner;
public class MainActivity extends AppCompatActivity {
//Defining the Views
EditText e1,e2;
Button bt;
Spinner s;
//Data for populating in Spinner
String [] dept_array={"CSE","ECE","IT","Mech","Civil"};
String name,reg,dept;
@Override
protected void onCreate(Bundle savedInstanceState) {
super.onCreate(savedInstanceState);
setContentView(R.layout.activity_main);
//Referring the Views
e1= (EditText) findViewById(R.id.editText);
e2= (EditText) findViewById(R.id.editText2);
bt= (Button) findViewById(R.id.button);
s= (Spinner) findViewById(R.id.spinner);
//Creating Adapter for Spinner for adapting the data from array to Spinner
ArrayAdapter adapter= new
ArrayAdapter(MainActivity.this,android.R.layout.simple_spinner_item,dept_arr
ay);
s.setAdapter(adapter);
//Creating Listener for Button
bt.setOnClickListener(new View.OnClickListener() {
@Override
public void onClick(View v) {
//Getting the Values from Views(Edittext & Spinner)
name=e1.getText().toString();
reg=e2.getText().toString();
dept=s.getSelectedItem().toString();
//Intent For Navigating to Second Activity
Intent i = new Intent(MainActivity.this,SecondActivity.class);
//For Passing the Values to Second Activity
i.putExtra("name_key", name);
i.putExtra("reg_key",reg);
i.putExtra("dept_key", dept);
startActivity(i);
}
}

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});
}
}
SecondActivity.java
package com.example.eventlistener;
import androidx.appcompat.app.AppCompatActivity;
import android.content.Intent;
import android.widget.TextView;
import android.os.Bundle;
public class SecondActivity extends AppCompatActivity {
    TextView t1,t2,t3;
    String name,reg,dept;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_second);
        t1= (TextView) findViewById(R.id.textView1);
        t2= (TextView) findViewById(R.id.textView2);
        t3= (TextView) findViewById(R.id.textView3);
        //Getting the Intent
        Intent i = getIntent();
        //Getting the Values from First Activity using the Intent received
        name=i.getStringExtra("name_key");
        reg=i.getStringExtra("reg_key");
        dept=i.getStringExtra("dept_key");
        //Setting the Values to Intent
        t1.setText(name);
        t2.setText(reg);
        t3.setText(dept);
    }
}

```