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SECTION:5CSE-4

EXPERIMENT4-DISCIPLINE ELECTIVE FORM

1.ACTIVITY_MAIN.XML FILE:

```xml
<?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="#00BCD4"
    tools:context=".MainActivity">

    <Spinner
        android:id="@+id/spinner"
        android:layout_width="248dp"
        android:layout_height="57dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.779"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.517" />

    <Button
        android:id="@+id/button"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Submit"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.65" />

    <EditText
        android:id="@+id/editTextText"
        android:layout_width="208dp"
        android:layout_height="38dp"
        android:ems="10"
        android:inputType="text"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.666"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.215" />

    <EditText
        android:id="@+id/editTextText2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:ems="10"
```

```xml
        android:inputType="text"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.666"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.303" />

    <EditText
        android:id="@+id/editTextText3"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:ems="10"
        android:inputType="text"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.666"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.389" />

    <TextView
        android:id="@+id/textView2"
        android:layout_width="78dp"
        android:layout_height="36dp"
        android:fontFamily="sans-serif-black"
        android:text="NAME"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.117"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.217" />

    <TextView
        android:id="@+id/textView3"
        android:layout_width="79dp"
        android:layout_height="35dp"
        android:fontFamily="sans-serif-black"
        android:text="ROLL NO"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.118"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.304" />

    <TextView
        android:id="@+id/textView4"
        android:layout_width="79dp"
        android:layout_height="35dp"
        android:fontFamily="sans-serif-black"
        android:text="SECTION"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.11"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.387" />

    <TextView
```

```
        android:id="@+id/textView6"
        android:layout_width="71dp"
        android:layout_height="32dp"
        android:fontFamily="sans-serif-black"
        android:text="Course"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.114"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.499" />

    <TextView
        android:id="@+id/textView"
        android:layout_width="227dp"
        android:layout_height="30dp"
        android:fontFamily="sans-serif-black"
        android:text="DISCIPLINE-ELECTIVE FORM"
        android:textColor="#673AB7"
        android:textSize="16sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.369"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.131" />

    <ImageView
        android:id="@+id/imageView"
        android:layout_width="365dp"
        android:layout_height="61dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.0"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.023"
        app:srcCompat="@drawable/p" />

    <TextView
        android:id="@+id/textView5"
        android:layout_width="395dp"
        android:layout_height="34dp"
        android:text="TextView"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.379"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.794" />

</androidx.constraintlayout.widget.ConstraintLayout>
```

2.STRINGS.XML FILE:

```
<resources>
    <string name="app_name">spinner_exp4</string>
    <string-array name="Course">
        <item>DataStructure</item>
```

```xml
        <item>SQL</item>
        <item>Networks</item>
        <item>java</item>
        <item>DigitalDesign</item>
        <item>WebDevelopment</item>
</string-array>
</resources>
```

3.JAVA FILE:

```java
package com.example.spinner_exp4;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.view.View;
import android.widget.AdapterView;
import android.widget.ArrayAdapter;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Spinner;
import android.widget.TextView;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {
    EditText ed1,ed2,ed3;
    Button bt;
    TextView tv;
    Spinner spinner;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        ed1=findViewById(R.id.editTextText);
        ed2=findViewById(R.id.editTextText2);
        ed3=findViewById(R.id.editTextText3);
        tv=findViewById(R.id.textView5);
         spinner=findViewById(R.id.spinner);
        ArrayAdapter adapter;
        adapter=ArrayAdapter.createFromResource(this,R.array.Course,
android.R.layout.simple_spinner_item);

adapter.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_it
em);
        spinner.setAdapter(adapter);
        spinner.setOnItemSelectedListener(new
AdapterView.OnItemSelectedListener() {
            @Override
            public void onItemSelected(AdapterView<?> adapterView, View
view, int i, long l) {
                String selected_Item=
adapterView.getItemAtPosition(i).toString();
                //tv.setText(selected_Item.toString());
                Toast.makeText(MainActivity.this, "selected_Item",
Toast.LENGTH_SHORT).show();
            }

            @Override
            public void onNothingSelected(AdapterView<?> adapterView) {
```

```
                }
        });
    bt.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View view) {
            String rs="your Response submitted successfully";
            tv.setText(rs.toString());
        }
    });
    }
}
```

4.OUTPUT: