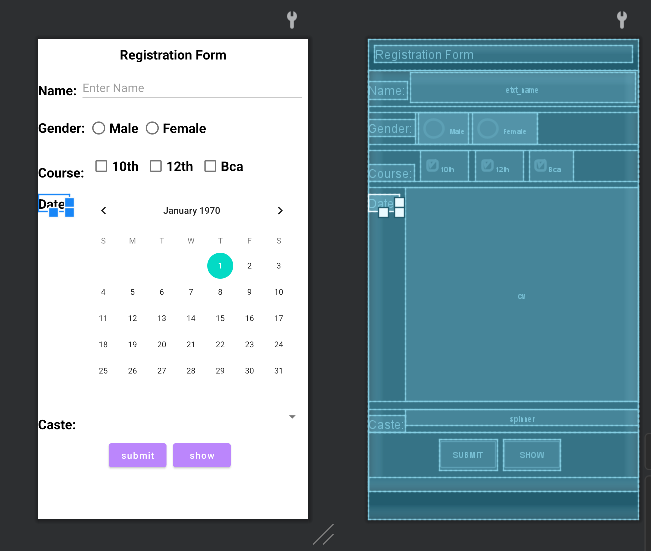
Xml

<?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"  
 android:orientation="vertical"  
 tools:context=".MainActivity">  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="10dp"  
 android:gravity="center"  
 android:text="Registration Form"  
 android:textColor="@color/black"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
 <ScrollView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="10dp"  
 android:text="Name:"  
 android:textColor="@color/black"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
 <EditText  
 android:id="@+id/etxt\_name"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="5dp"  
 android:layout\_marginLeft="5dp"  
 android:layout\_marginTop="10dp"  
 android:hint="Enter Name" />  
  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="10dp"  
 android:orientation="horizontal">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="10dp"  
 android:text="Gender:"  
 android:textColor="@color/black"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
 <RadioGroup  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal">  
  
 <RadioButton  
 android:id="@+id/r1\_male"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="5dp"  
 android:text="Male"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
  
 <RadioButton  
 android:id="@+id/r2\_female"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="5dp"  
 android:text="Female"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
 </RadioGroup>  
  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="10dp"  
 android:orientation="horizontal">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="10dp"  
 android:text="Course:"  
 android:textColor="@color/black"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
 <CheckBox  
 android:id="@+id/chk\_ten"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="10dp"  
 android:text="10th"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
 <CheckBox  
 android:id="@+id/chk\_tw"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="10dp"  
 android:text="12th"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
 <CheckBox  
 android:id="@+id/chk\_Bca"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="10dp"  
 android:text="Bca"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="326dp"  
 android:layout\_marginTop="10dp"  
 android:orientation="horizontal">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="10dp"  
 android:text="Date:"  
 android:textColor="@color/black"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
 <CalendarView  
 android:id="@+id/cv"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="10dp" />  
  
  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="10dp"  
 android:orientation="horizontal">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="10dp"  
 android:text="Caste:"  
 android:textColor="@color/black"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
 <Spinner  
 android:id="@+id/spinner"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content" />  
  
  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:gravity="center"  
 android:orientation="horizontal">  
  
 <Button  
 android:id="@+id/btn\_submit"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:backgroundTint="@color/purple\_200"  
 android:text="submit"  
 android:textAllCaps="false" />  
  
 <Button  
 android:id="@+id/btn\_show"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="10dp"  
 android:backgroundTint="@color/purple\_200"  
 android:text="show"  
 android:textAllCaps="false" />  
 </LinearLayout>  
  
 <TextView  
 android:id="@+id/student\_info"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content" />  
  
 </LinearLayout>  
  
 </ScrollView>  
  
</LinearLayout>



Kotlin

package com.example.extranal1  
  
import android.content.ContentValues  
import android.content.Intent  
import android.database.Cursor  
import android.database.sqlite.SQLiteDatabase  
import androidx.appcompat.app.AppCompatActivity  
import android.os.Bundle  
import android.view.View  
import android.widget.\*  
  
class MainActivity : AppCompatActivity() {  
 override fun onCreate(savedInstanceState: Bundle?) {  
 super.onCreate(savedInstanceState)  
 setContentView(R.layout.*activity\_main*)  
  
 lateinit var gen:String  
 var doc:String = ""  
 val cast:Array<String> = *arrayOf*("open","sc","st","obc")  
 var castinfo:String=""  
 var datedata:String=""  
  
  
  
 var std\_name:EditText=findViewById(R.id.*etxt\_name*)  
 var std\_male: RadioButton =findViewById(R.id.*r1\_male*)  
 var std\_female:RadioButton=findViewById(R.id.*r2\_female*)  
 var clnd: CalendarView = findViewById(R.id.*cv*)  
 var spnr: Spinner =findViewById(R.id.*spinner*)  
 var chk\_box10: CheckBox =findViewById(R.id.*chk\_ten*)  
 var chk\_box12:CheckBox=findViewById(R.id.*chk\_tw*)  
 var chk\_boxBCA:CheckBox=findViewById(R.id.*chk\_Bca*)  
 var btn\_insert:Button=findViewById(R.id.*btn\_submit*)  
 var btn\_show:Button=findViewById(R.id.*btn\_show*)  
 var s\_info:TextView=findViewById(R.id.*student\_info*)  
  
 var helper=DBHelper(*applicationContext*)  
 var db1: SQLiteDatabase =helper.*readableDatabase* var rs=db1.rawQuery("select \* from stdinfo",null)  
  
 std\_male.setOnClickListener **{** gen="Male"  
 **}** std\_female.setOnClickListener **{** gen="Female"  
 **}** chk\_box10.setOnClickListener **{** doc=doc+"10th"  
 **}** chk\_box12.setOnClickListener **{** doc=doc+"12th"  
 **}** chk\_boxBCA.setOnClickListener **{** doc=doc+"BCA"  
 **}** val adapter:ArrayAdapter<String> = ArrayAdapter<String>(this,android.R.layout.*select\_dialog\_item*,cast)  
 spnr.setAdapter(adapter)  
 spnr.*onItemSelectedListener*=object:AdapterView.OnItemSelectedListener{  
 override fun onItemSelected(p0: AdapterView<\*>?, p1: View?, p2: Int, p3: Long) {  
 castinfo=spnr.*selectedItemId*.toString()  
 }  
  
 override fun onNothingSelected(p0: AdapterView<\*>?) {  
  
 }  
  
 }  
  
 clnd.setOnDateChangeListener **{** calendarView, i, i2, i3 **->** datedata=i3.toString()+"/"+(i2+1).toString()+"/"+i.toString()  
 **}** btn\_insert.setOnClickListener **{** var cv= ContentValues()  
 cv.put("snm",std\_name.*text*.toString())  
 cv.put("sgen",gen)  
 cv.put("scourse",doc)  
 cv.put("sdate",datedata)  
 cv.put("scaste",castinfo)  
 db1.insert("stdinfo",null,cv)  
 rs.requery()  
 Toast.makeText(this, "Record inserted succesfully.", Toast.*LENGTH\_SHORT*).show()  
 **}** btn\_show.setOnClickListener **{** var cs: Cursor =db1.rawQuery("SELECT \* FROM stdinfo",null)  
 if(s\_info.*text*==""){  
 while (cs.moveToNext()){  
 s\_info.*text*=s\_info.*text*.toString()+  
 cs.getString(0)+  
 "\t"+cs.getString(1)+  
 "\t"+cs.getString(2)+  
 "\t"+cs.getString(3)+  
 "\t"+cs.getString(4)+  
 "\n"  
 }  
 }  
 else{  
 s\_info.*text*=""  
 while (cs.moveToNext()){  
 s\_info.*text*=s\_info.*text*.toString()+  
 cs.getString(0)+  
 "\t"+cs.getString(1)+  
 "\t"+cs.getString(2)+  
 "\t"+cs.getString(3)+  
 "\t"+cs.getString(4)+  
 "\n"  
 }  
 }  
 **}** }  
}

DBhelperclass

package com.example.extranal1  
  
import android.content.Context  
import android.database.sqlite.SQLiteDatabase  
import android.database.sqlite.SQLiteOpenHelper  
  
class DBHelper(context: Context): SQLiteOpenHelper(context,"MyDB",null,1) {  
 override fun onCreate(p0: SQLiteDatabase?) {  
 val create\_table = "CREATE TABLE stdinfo (snm TEXT,sgen TEXT,scourse TEXT,sdate TEXT,scaste TEXT)"  
 p0?.execSQL(create\_table)  
 }  
  
 override fun onUpgrade(p0: SQLiteDatabase?, p1: Int, p2: Int) {  
 val drop\_table = "DROP TABLE IF EXISTS stdinfo"  
 p0?.execSQL(drop\_table)  
 onCreate(p0)  
 }  
  
}