**PROBLEM STATEMENT:**

In academic settings, students often face challenges in accurately calculating their Grade Point Average (GPA) due to the complexity of grading systems and the manual effort involved. This issue is compounded by the need for precise GPA calculations to monitor academic progress, apply for scholarships, and make informed decisions about educational goals.To address this problem, we aim to develop a user-friendly GPA Calculator application that automates the GPA calculation process, minimizes errors, and provides students with a convenient tool to track their academic performance.

**Activitymain.xml**

<?xml version="1.0" encoding="utf-8"?>

<RelativeLayout 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=".MainActivity"

android:background="@drawable/krct">

<TextView

android:id="@+id/textView2"

android:layout\_width="247dp"

android:layout\_height="123dp"

android:layout\_alignParentStart="true"

android:layout\_alignParentTop="true"

android:layout\_alignParentEnd="true"

android:layout\_alignParentBottom="true"

android:layout\_marginStart="94dp"

android:layout\_marginTop="118dp"

android:layout\_marginEnd="70dp"

android:layout\_marginBottom="490dp"

android:gravity="center"

android:text="CGPA CALCULATOR"

android:textColor="#FDFBFB"

android:textSize="34sp" />

<Button

android:id="@+id/button"

android:layout\_width="140dp"

android:layout\_height="wrap\_content"

android:layout\_alignParentStart="true"

android:layout\_alignParentEnd="true"

android:layout\_alignParentBottom="true"

android:layout\_marginStart="141dp"

android:layout\_marginEnd="129dp"

android:layout\_marginBottom="178dp"

android:background="@color/white"

android:gravity="center"

android:text="START"

android:textSize="20sp" />

</RelativeLayout>

Mainactivity.kt

package com.example.myapplication

import android.content.Intent

import androidx.appcompat.app.AppCompatActivity

import android.os.Bundle

import android.widget.Button

class MainActivity : AppCompatActivity() {

override fun onCreate(savedInstanceState: Bundle?) {

super.onCreate(savedInstanceState)

setContentView(R.layout.activity\_main)

var button=findViewById<Button>(R.id.button)

button.setOnClickListener {

val intent= Intent(this,second::class.java)

startActivity(intent)

}

}

}

Activitymain2.xml:

<?xml version="1.0" encoding="utf-8"?>

<RelativeLayout 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=".MainActivity2"

>

<Button

android:id="@+id/button3"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentEnd="true"

android:layout\_alignParentBottom="true"

android:layout\_marginEnd="163dp"

android:layout\_marginBottom="363dp"

android:background="@color/lime"

android:gravity="center"

android:text="SEM 4"

android:textSize="20dp" />

<Button

android:id="@+id/button6"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentEnd="true"

android:layout\_alignParentBottom="true"

android:layout\_marginEnd="161dp"

android:layout\_marginBottom="611dp"

android:background="@color/lime"

android:text="SEM 1"

android:textSize="20sp" />

<Button

android:id="@+id/button8"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentEnd="true"

android:layout\_alignParentBottom="true"

android:layout\_marginEnd="164dp"

android:layout\_marginBottom="530dp"

android:background="@color/lime"

android:text="SEM 2"

android:textSize="20sp" />

<Button

android:id="@+id/button9"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentEnd="true"

android:layout\_alignParentBottom="true"

android:layout\_marginEnd="163dp"

android:layout\_marginBottom="273dp"

android:background="@color/lime"

android:text="SEM 5"

android:textSize="20sp" />

<Button

android:id="@+id/button10"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentEnd="true"

android:layout\_alignParentBottom="true"

android:layout\_marginEnd="162dp"

android:layout\_marginBottom="184dp"

android:background="@color/lime"

android:text="SEM 6"

android:textSize="20sp" />

<Button

android:id="@+id/button11"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentEnd="true"

android:layout\_alignParentBottom="true"

android:layout\_marginEnd="161dp"

android:layout\_marginBottom="100dp"

android:background="@color/lime"

android:text="SEM 7"

android:textSize="20sp" />

<Button

android:id="@+id/button12"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentEnd="true"

android:layout\_alignParentBottom="true"

android:layout\_marginEnd="160dp"

android:layout\_marginBottom="21dp"

android:background="@color/lime"

android:text="SEM 8"

android:textSize="20sp" />

<Button

android:id="@+id/button2"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentEnd="true"

android:layout\_alignParentBottom="true"

android:layout\_marginEnd="164dp"

android:layout\_marginBottom="449dp"

android:background="@color/lime"

android:text="SEM 3"

android:textSize="20sp" />

<TextView

android:id="@+id/textView4"

android:layout\_width="286dp"

android:layout\_height="40dp"

android:layout\_alignParentEnd="true"

android:layout\_alignParentBottom="true"

android:layout\_marginEnd="56dp"

android:layout\_marginBottom="687dp"

android:gravity="center"

android:text="SELECT SEMESTER"

android:textColor="#0E0000"

android:textSize="20sp"

android:textStyle="bold" />

</RelativeLayout>

MainActivity2.kt:

package com.example.myapplication

import android.content.Intent

import android.graphics.drawable.AnimationDrawable

import androidx.appcompat.app.AppCompatActivity

import android.os.Bundle

import android.widget.Button

import android.widget.RelativeLayout

class MainActivity2 : AppCompatActivity() {

override fun onCreate(savedInstanceState: Bundle?) {

super.onCreate(savedInstanceState)

setContentView(R.layout.activity\_main2)

var button2 = findViewById<Button>(R.id.button2)

var button3 = findViewById<Button>(R.id.button3)

var button6 = findViewById<Button>(R.id.button6)

var button8=findViewById<Button>(R.id.button8)

button6.setOnClickListener {

val intent = Intent(this, sem1::class.java)

startActivity(intent)

}

button8.setOnClickListener {

val intent = Intent(this, sem2::class.java)

startActivity(intent)

}

button2.setOnClickListener {

val intent = Intent(this, MainActivity3::class.java)

startActivity(intent)

button3.setOnClickListener {

val intent = Intent(this, MainActivity6::class.java)

startActivity(intent)

}

}

}

}

Activitymain3.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=".MainActivity3">

<TextView

android:id="@+id/textView"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_margin="30dp"

android:gravity="center"

android:text="SEM 3 SUBJECTS"

android:textColor="@color/design\_default\_color\_error"

android:textColorHint="@color/design\_default\_color\_error"

android:textSize="20sp" />

<TableLayout

android:layout\_width="match\_parent"

android:layout\_height="603dp">

<TableRow

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_margin="10dp">

<TextView

android:id="@+id/textView3"

android:layout\_width="153dp"

android:layout\_height="wrap\_content"

android:text="TPDE:"

android:textColor="#131212"

android:textSize="20sp"

android:textStyle="bold" />

<EditText

android:id="@+id/editText1"

android:layout\_width="208dp"

android:layout\_height="48dp"

android:ems="10"

android:hint="grade"

android:textSize="18dp" />

</TableRow>

<TableRow

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_margin="10dp">

<TextView

android:id="@+id/textView5"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="DPSD:"

android:textColor="#0E0D0D"

android:textSize="20dp"

android:textStyle="bold" />

<EditText

android:id="@+id/editText2"

android:layout\_width="wrap\_content"

android:layout\_height="48dp"

android:ems="10"

android:hint="grade" />

</TableRow>

<TableRow

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_margin="10dp">

<TextView

android:id="@+id/textView6"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="OOPS:"

android:textColor="#0E0D0D"

android:textSize="20sp"

android:textStyle="bold" />

<EditText

android:id="@+id/editText3"

android:layout\_width="wrap\_content"

android:layout\_height="48dp"

android:ems="10"

android:hint="grade" />

</TableRow>

<TableRow

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_margin="10dp">

<TextView

android:id="@+id/textView7"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="COA:"

android:textColor="#0E0D0D"

android:textSize="20sp"

android:textStyle="bold" />

<EditText

android:id="@+id/editText4"

android:layout\_width="wrap\_content"

android:layout\_height="48dp"

android:ems="10"

android:hint="grade" />

</TableRow>

<TableRow

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_margin="10dp">

<TextView

android:id="@+id/textView8"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="DBT:"

android:textColor="#0E0D0D"

android:textSize="20sp"

android:textStyle="bold" />

<EditText

android:id="@+id/editText5"

android:layout\_width="wrap\_content"

android:layout\_height="48dp"

android:ems="10"

android:hint="grade" />

</TableRow>

<TableRow

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_margin="10dp">

<TextView

android:id="@+id/textView9"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="DS:"

android:textColor="#0E0D0D"

android:textSize="20sp"

android:textStyle="bold"

tools:ignore="DuplicateIds" />

<EditText

android:id="@+id/editText6"

android:layout\_width="wrap\_content"

android:layout\_height="48dp"

android:ems="10"

android:hint="grade" />

</TableRow>

<TableRow

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_margin="10dp">

<TextView

android:id="@+id/textView10"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="DS LAB:"

android:textColor="#0E0D0D"

android:textSize="20sp"

android:textStyle="bold" />

<EditText

android:id="@+id/editText7"

android:layout\_width="wrap\_content"

android:layout\_height="48dp"

android:ems="10"

android:hint="grade" />

</TableRow>

<TableRow

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_margin="10dp">

<TextView

android:id="@+id/textView11"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="OOPS LAB:"

android:textColor="#0E0D0D"

android:textSize="20sp"

android:textStyle="bold" />

<EditText

android:id="@+id/editText8"

android:layout\_width="wrap\_content"

android:layout\_height="48dp"

android:ems="10"

android:hint="grade" />

</TableRow>

<TableRow

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_margin="10dp">

<TextView

android:id="@+id/textView12"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="PS 2:"

android:textColor="#0E0D0D"

android:textSize="20sp"

android:textStyle="bold" />

<EditText

android:id="@+id/editText9"

android:layout\_width="wrap\_content"

android:layout\_height="48dp"

android:ems="10"

android:hint="grade" />

</TableRow>

</TableLayout>

<Button

android:id="@+id/button4"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_gravity="center"

android:background="@color/green"

android:text="ENTER" />

</LinearLayout>

MainAcctivity3.java:

package com.example.myapplication;

import androidx.appcompat.app.AppCompatActivity;

import android.annotation.SuppressLint;

import android.content.Intent;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.TextView;

public class MainActivity3 extends AppCompatActivity {

private Button button4;

private EditText editText1;

private EditText editText2;

private EditText editText3;

private EditText editText4;

private EditText editText5;

private EditText editText6;

private EditText editText7;

private EditText editText8;

private EditText editText9;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main3);

button4=(Button) findViewById(R.id.button4);

editText2=(EditText) findViewById(R.id.editText2);

editText3=(EditText) findViewById(R.id.editText3);

editText4=(EditText) findViewById(R.id.editText4);

editText5=(EditText) findViewById(R.id.editText5);

editText6=(EditText) findViewById(R.id.editText6);

editText7=(EditText) findViewById(R.id.editText7);

editText8=(EditText) findViewById(R.id.editText8);

editText9=(EditText) findViewById(R.id.editText9);

editText1=(EditText) findViewById(R.id.editText1);

button4.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

Float fir = Float.parseFloat(editText1.getText().toString());

Float sec = Float.parseFloat(editText2.getText().toString());

Float thi = Float.parseFloat(editText3.getText().toString());

Float fou = Float.parseFloat(editText4.getText().toString());

Float fiv = Float.parseFloat(editText5.getText().toString());

Float six = Float.parseFloat(editText6.getText().toString());

Float sev = Float.parseFloat(editText7.getText().toString());

Float eig = Float.parseFloat(editText8.getText().toString());

Float nin = Float.parseFloat(editText9.getText().toString());

Float sum = (float) (4\*fir + 4\*sec + 3\*thi + 3\*fou + 4\*fiv + 3\*six + 1.5\*sev + 1.5\*eig + 1\* nin)/25;

Intent intent=new Intent(getApplicationContext(),MainActivity5.class);

intent.putExtra("key",sum);

startActivity(intent);

}

});

}

}

Activitymain4.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"

tools:context=".MainActivity5"

android:background="@drawable/gradientlist"

android:id="@+id/mainlayout">

<TextView

android:id="@+id/textView13"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:textColor="@color/black"

android:textSize="34sp"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

/>

</androidx.constraintlayout.widget.ConstraintLayout>

MainActivity4.java: package com.example.myapplication;

import androidx.appcompat.app.AppCompatActivity;

import androidx.constraintlayout.widget.ConstraintLayout;

import android.content.Intent;

import android.graphics.drawable.AnimationDrawable;

import android.os.Bundle;

import android.widget.TextView;

public class MainActivity5 extends AppCompatActivity {

TextView getdata;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main5);

getdata=(TextView) findViewById(R.id.textView13);

Intent intent=getIntent();

float sum=getIntent().getFloatExtra("key",0);

getdata.setText(Float.toString(sum));

}

}

Second.xml:

<?xml version="1.0" encoding="utf-8"?>

<RelativeLayout 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=".second"

android:background="@drawable/img\_3">

<Spinner

android:id="@+id/spinner"

android:layout\_width="209dp"

android:layout\_height="31dp"

android:layout\_alignParentEnd="true"

android:layout\_alignParentBottom="true"

android:layout\_marginEnd="23dp"

android:layout\_marginBottom="470dp"

tools:layout\_editor\_absoluteX="162dp"

tools:layout\_editor\_absoluteY="259dp" />

<TextView

android:id="@+id/textView15"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentEnd="true"

android:layout\_alignParentBottom="true"

android:layout\_marginEnd="307dp"

android:layout\_marginBottom="585dp"

android:text="Reg No:"

android:textColor="#130101"

android:textSize="24sp"

android:textStyle="italic"

tools:layout\_editor\_absoluteX="36dp"

tools:layout\_editor\_absoluteY="142dp" />

<EditText

android:id="@+id/editTextNumber"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentEnd="true"

android:layout\_alignParentBottom="true"

android:layout\_marginEnd="25dp"

android:layout\_marginBottom="581dp"

android:ems="10"

android:inputType="number"

tools:layout\_editor\_absoluteX="162dp"

tools:layout\_editor\_absoluteY="129dp" />

<TextView

android:id="@+id/textView16"

android:layout\_width="148dp"

android:layout\_height="wrap\_content"

android:layout\_alignParentEnd="true"

android:layout\_alignParentBottom="true"

android:layout\_marginEnd="247dp"

android:layout\_marginBottom="470dp"

android:text="Department:"

android:textColor="#120000"

android:textSize="24sp"

android:textStyle="italic"

tools:layout\_editor\_absoluteX="16dp"

tools:layout\_editor\_absoluteY="259dp" />

<Button

android:id="@+id/button5"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentEnd="true"

android:layout\_alignParentBottom="true"

android:layout\_marginEnd="162dp"

android:layout\_marginBottom="258dp"

android:background="@color/drblue"

android:text="ENTER"

android:textColor="#F8F5F5"

android:textSize="16sp"

tools:layout\_editor\_absoluteX="161dp"

tools:layout\_editor\_absoluteY="457dp" />

</RelativeLayout>

Second.java:

package com.example.myapplication;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;

import android.os.Bundle;

import android.view.View;

import android.widget.AdapterView;

import android.widget.ArrayAdapter;

import android.widget.Button;

import android.widget.Spinner;

import android.widget.Toast;

public class second extends AppCompatActivity {

Spinner spinner;

Button button5;

String[] depart = {"CSE", "ECE", "EEE", "MECH", "AIML", "AIDS", "CIVIL"};

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_second);

button5=(Button) findViewById(R.id.button5);

button5.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

openActivity2();

}

});

spinner = findViewById(R.id.spinner);

ArrayAdapter<String> adapter = new ArrayAdapter<String>(second.this, android.R.layout.simple\_spinner\_item, depart);

adapter.setDropDownViewResource(android.R.layout.simple\_spinner\_dropdown\_item);

spinner.setAdapter(adapter);

spinner.setOnItemSelectedListener(new AdapterView.OnItemSelectedListener() {

@Override

public void onItemSelected(AdapterView<?> parent, View view, int position, long id) {

String value = parent.getItemAtPosition(position).toString();

Toast.makeText(second.this, value, Toast.LENGTH\_SHORT).show();

}

@Override

public void onNothingSelected(AdapterView<?> parent) {

}

});

}

public void openActivity2(){

Intent intent=new Intent(this, MainActivity2.class);

startActivity(intent);

}

}

Activitysem.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=".MainActivity3">

<TextView

android:id="@+id/tvv0"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_margin="30dp"

android:gravity="center"

android:text="SEM 1 SUBJECTS"

android:textColor="@color/design\_default\_color\_error"

android:textColorHint="@color/design\_default\_color\_error"

android:textSize="20sp" />

<TableLayout

android:layout\_width="match\_parent"

android:layout\_height="537dp">

<TableRow

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_margin="10dp">

<TextView

android:id="@+id/tvv1"

android:layout\_width="153dp"

android:layout\_height="wrap\_content"

android:text="CE:"

android:textColor="#131212"

android:textSize="20sp"

android:textStyle="bold" />

<EditText

android:id="@+id/ett1"

android:layout\_width="208dp"

android:layout\_height="48dp"

android:ems="10"

android:hint="grade"

android:textSize="18dp" />

</TableRow>

<TableRow

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_margin="10dp">

<TextView

android:id="@+id/tvv2"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="M1:"

android:textColor="#0E0D0D"

android:textSize="20dp"

android:textStyle="bold" />

<EditText

android:id="@+id/ett2"

android:layout\_width="wrap\_content"

android:layout\_height="48dp"

android:ems="10"

android:hint="grade" />

</TableRow>

<TableRow

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_margin="10dp">

<TextView

android:id="@+id/tvv3"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="PHY:"

android:textColor="#0E0D0D"

android:textSize="20sp"

android:textStyle="bold" />

<EditText

android:id="@+id/ett3"

android:layout\_width="wrap\_content"

android:layout\_height="48dp"

android:ems="10"

android:hint="grade" />

</TableRow>

<TableRow

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_margin="10dp">

<TextView

android:id="@+id/tvv4"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="CHEM:"

android:textColor="#0E0D0D"

android:textSize="20sp"

android:textStyle="bold" />

<EditText

android:id="@+id/ett4"

android:layout\_width="wrap\_content"

android:layout\_height="48dp"

android:ems="10"

android:hint="grade" />

</TableRow>

<TableRow

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_margin="10dp">

<TextView

android:id="@+id/tvv5"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="PSFCP:"

android:textColor="#0E0D0D"

android:textSize="20sp"

android:textStyle="bold" />

<EditText

android:id="@+id/ett5"

android:layout\_width="wrap\_content"

android:layout\_height="48dp"

android:ems="10"

android:hint="grade" />

</TableRow>

<TableRow

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_margin="10dp">

<TextView

android:id="@+id/tvv6"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="BEEE:"

android:textColor="#0E0D0D"

android:textSize="20sp"

android:textStyle="bold"

tools:ignore="DuplicateIds" />

<EditText

android:id="@+id/ett6"

android:layout\_width="wrap\_content"

android:layout\_height="48dp"

android:ems="10"

android:hint="grade" />

</TableRow>

<TableRow

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_margin="10dp">

<TextView

android:id="@+id/tvv7"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="PHY CHEM LAB:"

android:textColor="#0E0D0D"

android:textSize="20sp"

android:textStyle="bold" />

<EditText

android:id="@+id/ett7"

android:layout\_width="wrap\_content"

android:layout\_height="48dp"

android:ems="10"

android:hint="grade" />

</TableRow>

<TableRow

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_margin="10dp">

<TextView

android:id="@+id/tvv8"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="C LAB:"

android:textColor="#0E0D0D"

android:textSize="20sp"

android:textStyle="bold" />

<EditText

android:id="@+id/ett8"

android:layout\_width="wrap\_content"

android:layout\_height="48dp"

android:ems="10"

android:hint="grade" />

</TableRow>

</TableLayout>

<Button

android:id="@+id/btt1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_gravity="center"

android:background="@color/green"

android:text="ENTER" />

</LinearLayout>

Sem1.java:

package com.example.myapplication;

import androidx.appcompat.app.AppCompatActivity;

import android.annotation.SuppressLint;

import android.content.Intent;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.TextView;

public class MainActivity3 extends AppCompatActivity {

private Button button4;

private EditText editText1;

private EditText editText2;

private EditText editText3;

private EditText editText4;

private EditText editText5;

private EditText editText6;

private EditText editText7;

private EditText editText8;

private EditText editText9;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main3);

button4=(Button) findViewById(R.id.button4);

editText2=(EditText) findViewById(R.id.editText2);

editText3=(EditText) findViewById(R.id.editText3);

editText4=(EditText) findViewById(R.id.editText4);

editText5=(EditText) findViewById(R.id.editText5);

editText6=(EditText) findViewById(R.id.editText6);

editText7=(EditText) findViewById(R.id.editText7);

editText8=(EditText) findViewById(R.id.editText8);

editText9=(EditText) findViewById(R.id.editText9);

editText1=(EditText) findViewById(R.id.editText1);

button4.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

Float fir = Float.parseFloat(editText1.getText().toString());

Float sec = Float.parseFloat(editText2.getText().toString());

Float thi = Float.parseFloat(editText3.getText().toString());

Float fou = Float.parseFloat(editText4.getText().toString());

Float fiv = Float.parseFloat(editText5.getText().toString());

Float six = Float.parseFloat(editText6.getText().toString());

Float sev = Float.parseFloat(editText7.getText().toString());

Float eig = Float.parseFloat(editText8.getText().toString());

Float nin = Float.parseFloat(editText9.getText().toString());

Float sum = (float) (4\*fir + 4\*sec + 3\*thi + 3\*fou + 4\*fiv + 3\*six + 1.5\*sev + 1.5\*eig + 1\* nin)/25;

Intent intent=new Intent(getApplicationContext(),MainActivity5.class);

intent.putExtra("key",sum);

startActivity(intent);

}

});

}

}

ActicitySem.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=".MainActivity3">

<TextView

android:id="@+id/textView"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_margin="30dp"

android:gravity="center"

android:text="SEM 2 SUBJECTS"

android:textColor="@color/design\_default\_color\_error"

android:textColorHint="@color/design\_default\_color\_error"

android:textSize="20sp" />

<TableLayout

android:layout\_width="match\_parent"

android:layout\_height="603dp">

<TableRow

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_margin="10dp">

<TextView

android:id="@+id/t1"

android:layout\_width="153dp"

android:layout\_height="wrap\_content"

android:text="TE:"

android:textColor="#131212"

android:textSize="20sp"

android:textStyle="bold" />

<EditText

android:id="@+id/e1"

android:layout\_width="208dp"

android:layout\_height="48dp"

android:ems="10"

android:hint="grade"

android:textSize="18dp" />

</TableRow>

<TableRow

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_margin="10dp">

<TextView

android:id="@+id/t2"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="M2:"

android:textColor="#0E0D0D"

android:textSize="20dp"

android:textStyle="bold" />

<EditText

android:id="@+id/e2"

android:layout\_width="wrap\_content"

android:layout\_height="48dp"

android:ems="10"

android:hint="grade" />

</TableRow>

<TableRow

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_margin="10dp">

<TextView

android:id="@+id/t3"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="PIS:"

android:textColor="#0E0D0D"

android:textSize="20sp"

android:textStyle="bold" />

<EditText

android:id="@+id/e3"

android:layout\_width="wrap\_content"

android:layout\_height="48dp"

android:ems="10"

android:hint="grade" />

</TableRow>

<TableRow

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_margin="10dp">

<TextView

android:id="@+id/t4"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="EVS:"

android:textColor="#0E0D0D"

android:textSize="20sp"

android:textStyle="bold" />

<EditText

android:id="@+id/e4"

android:layout\_width="wrap\_content"

android:layout\_height="48dp"

android:ems="10"

android:hint="grade" />

</TableRow>

<TableRow

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_margin="10dp">

<TextView

android:id="@+id/t5"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="PYTHON:"

android:textColor="#0E0D0D"

android:textSize="20sp"

android:textStyle="bold" />

<EditText

android:id="@+id/e5"

android:layout\_width="wrap\_content"

android:layout\_height="48dp"

android:ems="10"

android:hint="grade" />

</TableRow>

<TableRow

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_margin="10dp">

<TextView

android:id="@+id/t6"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="EG:"

android:textColor="#0E0D0D"

android:textSize="20sp"

android:textStyle="bold"

tools:ignore="DuplicateIds" />

<EditText

android:id="@+id/e6"

android:layout\_width="wrap\_content"

android:layout\_height="48dp"

android:ems="10"

android:hint="grade" />

</TableRow>

<TableRow

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_margin="10dp">

<TextView

android:id="@+id/t7"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="PYTHON LAB:"

android:textColor="#0E0D0D"

android:textSize="20sp"

android:textStyle="bold" />

<EditText

android:id="@+id/e7"

android:layout\_width="wrap\_content"

android:layout\_height="48dp"

android:ems="10"

android:hint="grade" />

</TableRow>

<TableRow

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_margin="10dp">

<TextView

android:id="@+id/t8"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="EP LAB:"

android:textColor="#0E0D0D"

android:textSize="20sp"

android:textStyle="bold" />

<EditText

android:id="@+id/e8"

android:layout\_width="wrap\_content"

android:layout\_height="48dp"

android:ems="10"

android:hint="grade" />

</TableRow>

<TableRow

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_margin="10dp">

<TextView

android:id="@+id/t9"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="PS 1:"

android:textColor="#0E0D0D"

android:textSize="20sp"

android:textStyle="bold" />

<EditText

android:id="@+id/e9"

android:layout\_width="wrap\_content"

android:layout\_height="48dp"

android:ems="10"

android:hint="grade" />

</TableRow>

</TableLayout>

<Button

android:id="@+id/bu"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_gravity="center"

android:background="@color/green"

android:text="ENTER" />

</LinearLayout>

Sem2.java:

package com.example.myapplication;

import androidx.appcompat.app.AppCompatActivity;

import android.annotation.SuppressLint;

import android.content.Intent;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.TextView;

public class MainActivity3 extends AppCompatActivity {

private Button button4;

private EditText editText1;

private EditText editText2;

private EditText editText3;

private EditText editText4;

private EditText editText5;

private EditText editText6;

private EditText editText7;

private EditText editText8;

private EditText editText9;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main3);

button4=(Button) findViewById(R.id.button4);

editText2=(EditText) findViewById(R.id.editText2);

editText3=(EditText) findViewById(R.id.editText3);

editText4=(EditText) findViewById(R.id.editText4);

editText5=(EditText) findViewById(R.id.editText5);

editText6=(EditText) findViewById(R.id.editText6);

editText7=(EditText) findViewById(R.id.editText7);

editText8=(EditText) findViewById(R.id.editText8);

editText9=(EditText) findViewById(R.id.editText9);

editText1=(EditText) findViewById(R.id.editText1);

button4.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

Float fir = Float.parseFloat(editText1.getText().toString());

Float sec = Float.parseFloat(editText2.getText().toString());

Float thi = Float.parseFloat(editText3.getText().toString());

Float fou = Float.parseFloat(editText4.getText().toString());

Float fiv = Float.parseFloat(editText5.getText().toString());

Float six = Float.parseFloat(editText6.getText().toString());

Float sev = Float.parseFloat(editText7.getText().toString());

Float eig = Float.parseFloat(editText8.getText().toString());

Float nin = Float.parseFloat(editText9.getText().toString());

Float sum = (float) (4\*fir + 4\*sec + 3\*thi + 3\*fou + 4\*fiv + 3\*six + 1.5\*sev + 1.5\*eig + 1\* nin)/25;

Intent intent=new Intent(getApplicationContext(),MainActivity5.class);

intent.putExtra("key",sum);

startActivity(intent);

}

});

}

}