Student Grade Calculator

activity_main.xml:

```xml
xmlns:app="http://schemas.android.com/apk/res-auto"
android:layout_width="match_parent"
android:layout_height="match_parent">

android:id="@+id/header"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="Student Grade Calculator"
android:textStyle="bold"
android:textSize="24sp"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintEnd_toEndOf="parent" />

android:id="@+id/m1"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:hint="Enter Subject 1 Marks"
android:ems="10"
android:inputType="number"
app:layout_constraintTop_toBottomOf="@+id/header"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintEnd_toEndOf="parent" />

android:id="@+id/m2"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:hint="Enter Subject 2 Marks"
android:ems="10"
android:inputType="number"
app:layout_constraintTop_toBottomOf="@+id/m1"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintEnd_toEndOf="parent" />

android:id="@+id/m3"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:hint="Enter Subject 3 Marks"
android:ems="10"
android:inputType="number"
app:layout_constraintTop_toBottomOf="@+id/m2"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintEnd_toEndOf="parent" />

android:id="@+id/calcBtn"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
```

android:text="Calculate Grade"
app:layout_constraintTop_toBottomOf="@+id/m3"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintEnd_toEndOf="parent" />

android:id="@+id/result"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text=""
android:textSize="20sp"
app:layout_constraintTop_toBottomOf="@+id/calcBtn"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintEnd_toEndOf="parent" />

MainActivity.java:
package com.example.studentgrade;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;

public class MainActivity extends AppCompatActivity {

EditText m1, m2, m3;
Button calc;
TextView res;

@Override
protected void onCreate(Bundle savedInstanceState) {
super.onCreate(savedInstanceState);
setContentView(R.layout.activity_main);

m1 = findViewById(R.id.m1);
m2 = findViewById(R.id.m2);
m3 = findViewById(R.id.m3);
calc = findViewById(R.id.calcBtn);
res = findViewById(R.id.result);

calc.setOnClickListener(new View.OnClickListener() {
@Override
public void onClick(View view) {
int s1 = Integer.parseInt(m1.getText().toString());
int s2 = Integer.parseInt(m2.getText().toString());
int s3 = Integer.parseInt(m3.getText().toString());

```java
int total = s1 + s2 + s3;
float percent = total / 3f;

String grade;
if (percent >= 90) grade = "A";
else if (percent >= 75) grade = "B";
else if (percent >= 50) grade = "C";
else grade = "Fail";

res.setText("Total: " + total + "\nPercentage: " + percent + "\nGrade: " + grade);
}
});
}
}
```