Project Name: CGPA Calculator

Idea:

A Java-based CGPA calculator that allows students to compute their semester and total CGPA by entering course details, credit hours, and grades.

Purpose:

The CGPA Calculator is designed to help students efficiently manage and track their academic performance by providing an intuitive and user-friendly platform.

Features:

1. **User-friendly Interface:**
   - Simple and clean UI for entering CGPA and credit details.
2. **Course-wise Calculation:**
   - Users can input multiple courses with their corresponding grades and credit hours.
3. **Dynamic CGPA Calculation:**
   - Automatically updates CGPA based on user inputs.

4. **Grade Selection:**
   - Dropdown for selecting grades with respective grade points.
5. **Summary Display:**
   - Displays total earned credits, term GPA, and cumulative CGPA.
6. **Interactive Options:**
   - Options to cancel or confirm inputs for better user control.

Classes Implemented:

1. **Main.java:**
   - **Handles user interactions and application flow.**
2. **Course.java:**
   - **Represents individual courses with attributes like course name, credit hours, and grade points.**

Prototype:

https://github.com/mahedi0x/CGPA_Calculation_Project