**Domain - C/C++ Programming Project**

**Title: CGPA calculator Task Description**

#include<iostream>

using namespace std;

int main() {

int numCourses;

cout << "Enter the number of courses: ";

cin >> numCourses;

double totalCredits = 0;

double totalGradePoints = 0;

for (int i = 1; i <= numCourses; ++i) {

double credits, grade;

cout << "Enter the credit hours for course " << i << ": ";

cin >> credits;

cout << "Enter the grade (on a scale of 0-4) for course " << i << ": ";

cin >> grade;

double gradePoints = credits \* grade;

totalCredits += credits;

totalGradePoints += gradePoints;

}

double cgpa = totalGradePoints / totalCredits;

cout << "\nYour Cumulative Grade Point Average (CGPA) is: " << cgpa << endl;

return 0;

}