Name: Shahd Allam Mohamed Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins Doxy8locks Settings Help Land Mark Control of the C **▽ | → → | P** | B | B | R v main(): int ~ Q 4 × *main.cpp X Projects Files F int main() (int numCourses; double grade, creditHours; double totalCredits = 0, totalGradePoints = 0; cout << "Enter the number of courses: "; cin >> numCourses; cout << endl; for (int i = 1; i <= numCourses; i++) { cout << "Enter grade for Course" << i << " (on a 4.0 scale): "; cin >> grade; cout << "Enter credit hours for Course " << i << ": "; cin >> creditHours; totalCredits += creditHours; totalGradePoints += grade * creditHours; cout << "Course " << i << ": Grade = " << grade << ", Credit Hours = " << creditHours << endl << endl; if (totalCredits == 0) { cout << "Total credit hours cannot be zero." << endl; return 0;</pre> 29 30 31 32 33 34 35 36 cout << "Total credit hours cannot be zero." << endl; double gpa = totalGradePoints / totalCredits; cout << fixed << setprecision(2);</pre> cout << "-----" << endl; cout << "Total Credits: " << totalCredits << endl; cout << "Total Grade Points: " << totalGradePoints << endl; cout << "Semester GPA: " << gpa << endl; cout << "Overall CGPA: " << gpa << endl; // Assuming CGPA is same as GPA for this semester</pre> ----" << endl; 37 38 39 40 41 = "E:\programimng\task 1\bin\Debug\task 1.exe" inter the number of courses: 3 Enter grade for Course 1 (on a 4.0 scale): 1.5 Enter credit hours for Course 1: 2 Course 1: Grade = 1.5, Credit Hours = 2 enter grade for Course 2 (on a 4.0 scale): 4.0 inter credit hours for Course 2: 3 course 2: Grade = 4, Credit Hours = 3 Enter grade for Course 3 (on a 4.0 scale): 3.6 Enter credit hours for Course 3: 3 Course 3: Grade = 3.6, Credit Hours = 3 ndl; Total Credits: 8.00 Total Grade Points: 25.80 Semester GPA: 3.23 Overall CGPA: 3.23

rocess returned 0 (0x0) execution time : 37.231 s ress any key to continue.