double credit1;

double credit2;

double credit3;

double credit4;

double gradeValue=0;

double totPtsCourse1=0;

double totPtsCourse2=0;

double totPtsCourse3=0;

double totPtsCourse4=0;

totPtsCourse1 = gradeValue \* credit1

totPtsCourse2 = gradeValue \* credit2

totPtsCourse3 = gradeValue \* credit3

totPtsCourse4 = gradeValue \* credit4

totPts= totPtsCourse1+totPtsCourse2+totPtsCourse3+totPtsCourse4;

totalCredits = credit1+credit2+credit3+credit4;