Name:

**Write a report card program**

Grade score is the average of exam scores for each subject.

Grade score of 90 and above gets letter grade of A

Grade score of 80 and above gets letter grade of B

Grade score of 70 and above gets letter grade of C

Grade score of 60 and above gets letter grade of D

Grade score of below 60 gets a letter grade of F

Letter Grade A is of 4 grade points.

Letter Grade B is of 3 grade points.

Letter Grade C is of 2 grade points.

Letter Grade D is of 1 grade points.

Letter Grade F is of 0 grade points.

GPA is average of grade points for each course.

Person Fails the semester if he/she has at least one letter grade of F or cumulative GPA < 1.6

It should output in the following format:

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OFFICIALTRANSCRIPT

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Name: John Doe

Major: Computer Science

|------------------------------------------------------------------------------------------------------|

| Subject | Exam 1 Score | Exam 2 Score | Exam 3 Score | Letter Grade |

|------------------------------------------------------------------------------------------------------|

| English | 80 | 90 | 100 | A |

| Math | 80 | 70 | 70 | C |

| Science | 80 | 70 | 70 | C |

|------------------------------------------------------------------------------------------------------|

Your GPA is: 3.33/4

Congratulations you have passed this semester/Sorry you have failed this semester.

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Hint: All the scores, grades and GPA’s must be dynamic i.e. letter grade and GPA should change when you change individual exam scores.

Scoring Criteria:

Completion: 30%

Logic: 50%

Formatting/Cleanliness: 10%

Cleanliness/Coding Standards: 10%

**Please explain your approach to solving this problem.**

**What is the biggest issue/hurdle that you came across and how do you think it can be resolved.**