Q1: Calculate the grade a 316 student will qualify for if his/her exam scores are as follows:
   - Exam 1 score: 19 out of 25 (= 76%)
   - Exam 2 score: 18 out of 25 (= 72%)
   - Final Exam score: 28 out of 40 (= 70%)
   - Score for assignment submissions: 8 out of 10.

   Q2: Same as question 1, but with a Final Exam score of 34 out of 40 (= 85%).

   Q3: Same as question 2, but assume the student missed Exam 1 (instead of scoring 19 on that exam) and only scored 6 out of 10 for assignment submissions.

   ANSWERS:

   Q1: As the student did worse percentagewise on the final than on either of the other exams, the 25/40 rule makes no difference! So:

   \[ \text{total exam score} = 19 + 18 + 28 = 65 \]

   \[ \text{a} = \text{total exam score} + \text{assignment score} = 65 + 8 = 73 \]

   \[ \text{b} = (\text{total exam score}) \times \frac{100}{90} = \frac{6500}{90} = 72.22 \]

   The student qualifies for a grade of C+ based on rule A. The student qualifies for a grade of C based on rule B. So the student qualifies for a grade of C+.

   Q2: If a student does better percentagewise on the final than on at least one of the other two exams, then (final exam score)*25/40 replaces one (the lower) of the other two exam scores. In this example (final exam score)*25/40 = 34*25/40 = 21.25 and so:

   \[ \text{total exam score} = 21.25 + 18 + 34 = 74.25 \]

   \[ \text{a} = \text{total exam score} + \text{assignment score} = 74.25 + 8 = 82.25 \]

   \[ \text{b} = (\text{total exam score}) \times \frac{100}{90} = \frac{7425}{90} = 82.5 \]

   The student qualifies for a grade of B based on rule A. The student qualifies for a grade of B based on rule B. So the student qualifies for a grade of B.

   Q3: Missing Exam 1 is equivalent to scoring 0 on that exam. However, this 0 will be replaced by (final exam score)*25/40 = 34*25/40 = 21.25. So:

   \[ \text{total exam score} = 21.25 + 18 + 34 = 73.25 \]

   \[ \text{a} = \text{total exam score} + \text{assignment score} = 73.25 + 6 = 79.25 \]

   \[ \text{b} = (\text{total exam score}) \times \frac{100}{90} = \frac{7325}{90} = 81.39 \]

   The student qualifies for a grade of B- based on rule A. The student qualifies for a grade of B based on rule B. So the student qualifies for a grade of B.