What is the class average?

q1 = Query()

q1.condition = None

q1.calculation = ['average', 'for all', ['courseaverage']]

q1.expectedResult = ['scalar', []]

What is the class average for assignment <number>?

q2 = Query()

q2.condition = None

q2.calculation = ['average', 'for all', ['assignment1']]

q2.expectedResult = ['scalar', []]

What is the class average for exam <number>?

q3 = Query()

q3.condition = None

q3.calculation = ['average', 'for all', ['exam1']]

q3.expectedResult = ['scalar', []]

What is <student name>’s average?

q4 = Query()

q4.condition = Condition(‘==’, ['firstname', <student name>])

q4.calculation = ['none', '', []]

q4.expectedResult = ['scalar', ['courseaverage']]

What is <student name>’s score for <assignment or exam>?

q5 = Query()

q5.condition = Condition('==', ['firstname', <student name>])

q5.calculation = ['none', '', []]

q5.expectedResult = ['scalar', ['assignment']]

What is <student name>’s average score for the first three assignments?

q6 = Query()

q6.condition = Condition('==', ['firstname', <student name>])

q6.calculation = ['average', 'for each', ['assignment1', 'assignment2', 'assignment3']]

q6.expectedResult = ['table', ['score']]

Of those who passed both exams, what is their assignment 1 score?

q7 = Query()

c1 = Condition('>=', ['exam1', 50])

c2 = Condition('>=', ['exam2', 50])

q7.condition = Condition('And', [c1, c2])

q7.calculation = ['None', '', []]

q7.expectedResult = ['table', ['firstname', 'assignment1']]

Who had <**highest**, lowest> score on <assignment, **exam1**, or average>?

q8 = Query()

q8.condition = None

q8.calculation = ['max', 'for all', ['exam1']]

q8.expectedResult = ['scalar', ['firstname', 'lastname']]

How many students had <criteria>?

q9 = Query()

q9.condition = Condition(<criteria>)

q9.calculation = [None, '', []]

q9.expectedResult = ['scalar', ['']]

Is there a <student name> in this class?

q10 = Query()

q10.condition = Condition('==', ['firstname', <studentname>])

q10.calculation = [None, '', []]

q10.expectedResult = ['scalar', ['']]

What is <student first/last name>’s last or first name?

q11 = Query()

q11.condition = Condition('==', ['firstname', <studentname>])

q11.calculation = [None, '', []]

q11.expectedResult = ['table', ['lastname']]

Which assignment did each student score highest on?

q12 = Query()

q12.condition = None

q12.calculation = ['max', 'for each', ['assignment1', 'assignment2', 'assignment3', 'assignment4', 'assignment5']]

q12.expectedResult = ['table', ['firstname', 'field']]