13 The 1D array `StudentName[]` contains the names of students in a class. The 2D array `StudentMark[]` contains the mark for each subject, for each student. The position of each student's data in the two arrays is the same, for example, the student in position 10 in `StudentName[]` and `StudentMark[]` is the same.

The variable `ClassSize` contains the number of students in the class. The variable `SubjectNo` contains the number of subjects studied. All students study the same number of subjects.

The arrays and variables have already been set up and the data stored.

Students are awarded a grade based on their average mark.

Average mark	Grade awarded
greater than or equal to 70	distinction
greater than or equal to 55 and less than 70	merit
greater than or equal to 40 and less than 55	pass
less than 40	fail

Write a program that meets the following requirements:
- calculates the combined total mark for each student for all their subjects
- calculates the average mark for each student for all their subjects, rounded to the nearest whole number
- outputs for each student:
  - name
  - combined total mark
  - average mark
  - grade awarded
- calculates, stores and outputs the number of distinctions, merits, passes and fails for the whole class.

You must use pseudocode or program code **and** add comments to explain how your code works.

You do **not** need to initialise the data in the array.

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