Homework I

Files and structures

Write an algorithm and matching code for a program with the following functional requirements:

1. Data is read from a plain text file „F1.txt“ and stored as a structure. The data file must contain the given attributes:
   * Name - string
   * Student code - string [10]
   * Grade - array of integers
2. Students whose grades are all 5, will be assigned 100 € scholarship.
3. Students whose grades are either 5 or 4 (but not all 5), will be assigned 75 € scholarship.
4. Program will output to file „F2.txt“ the students who receive the scholarship in descending order of the sum. When the sum of the scholarship is equal, then in the alphabetical order.