

Assignment - 2

Let there is a class Student and a class Course.

- Course class has attributes coursecode (int), coursename (string), marks (double)
- Student class has attributes roll_no (int), name (String), 3 courses (Course), total_marks and highest_marks.
- The highest_marks attributes in Student class is static.
- In the main method create the 10 objects of student class. Assign them values using constructor of Student class.
- Remember the Course class is also having the constructor and Student class constructor is responsible to pass the values to Course Constructor.
- The highest_marks should be initialized with the highest total marks among the students. This should be done thru a user-defined function in Main class.
- Create the array of course variable in Student class.
- Create the array of Student class in main method.
- Rest of the smatters assume yourself and prepare an efficient solution for this.