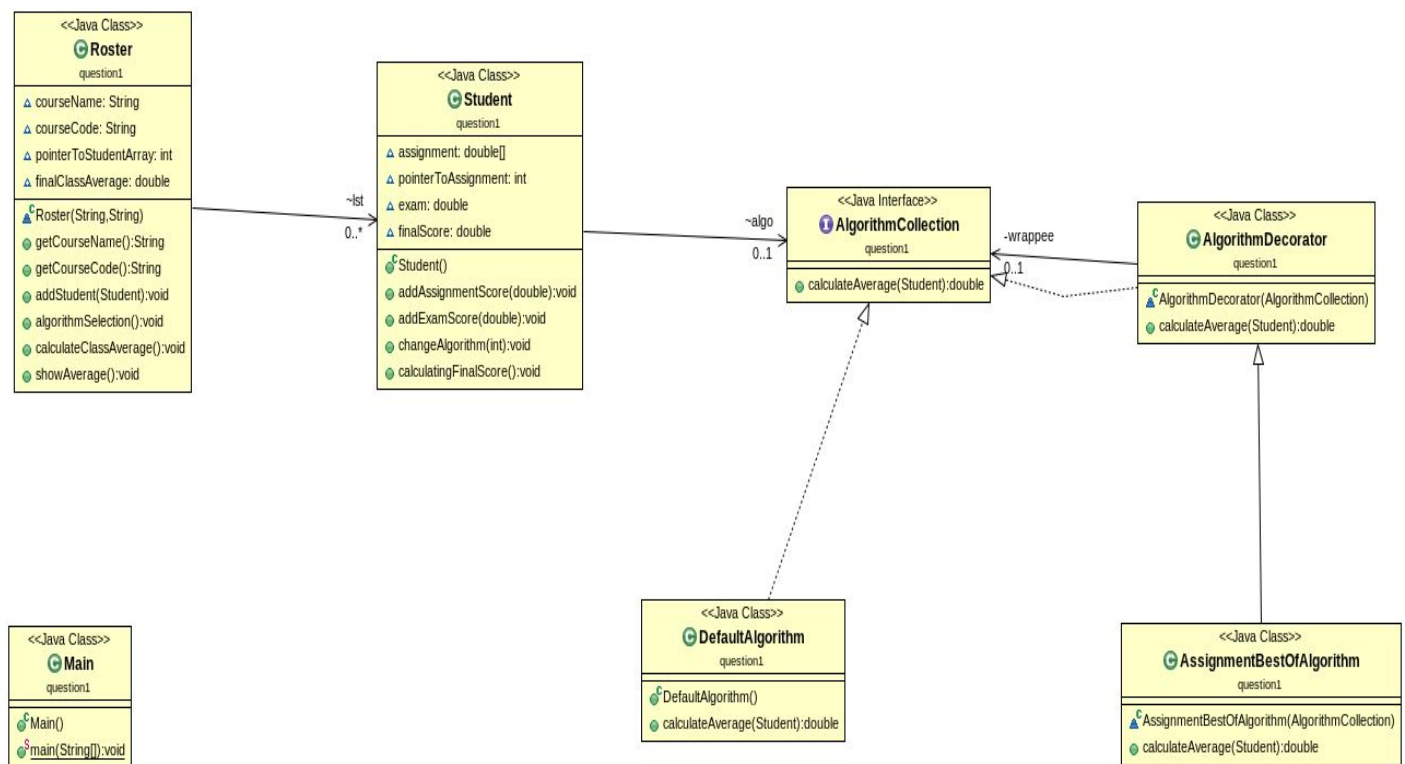


Assignment # 3

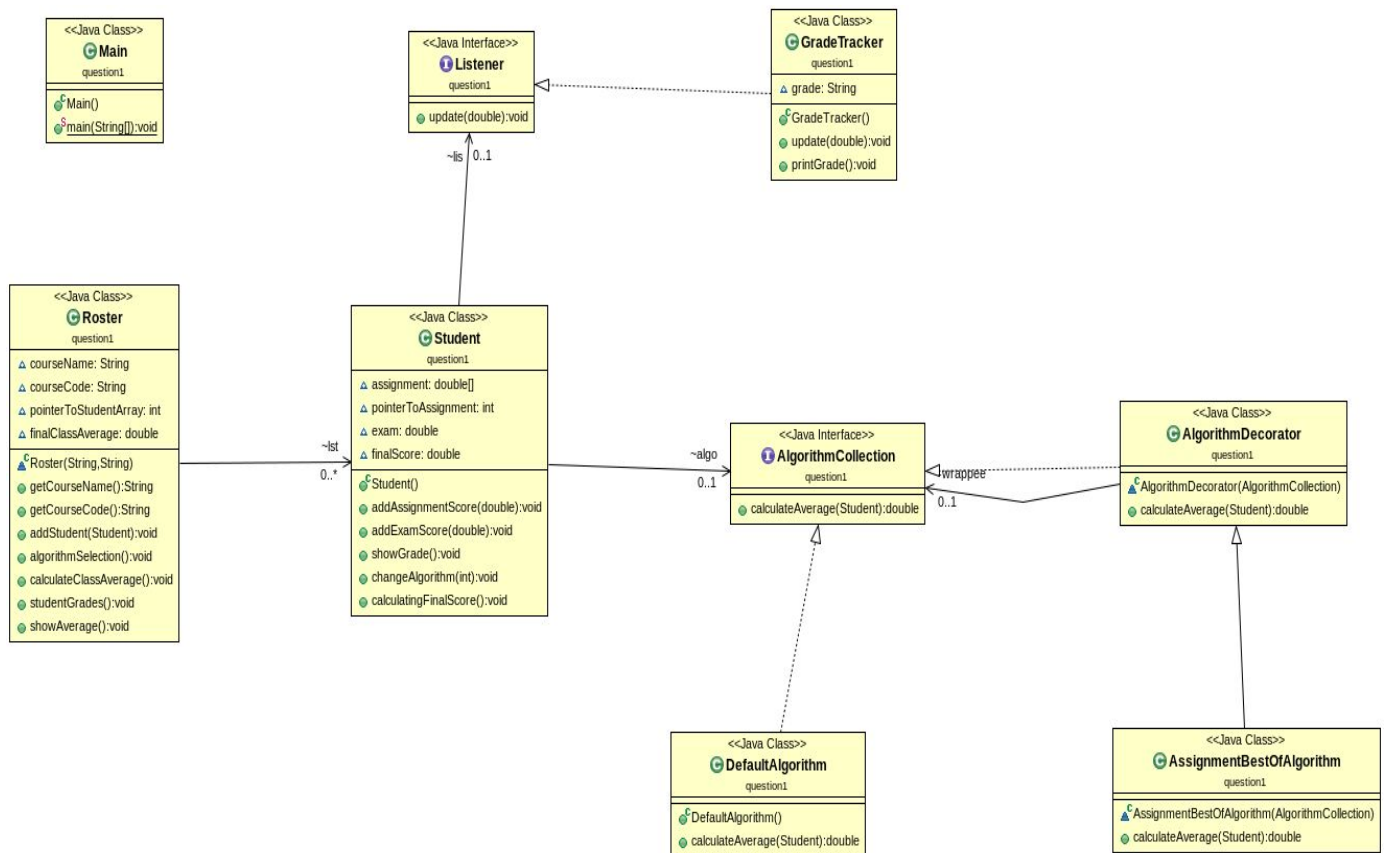
Question # 1.

I solved this question with decorator pattern, UML class diagram is given below and code is attached in the folder named as 2nd_attempt/question1.



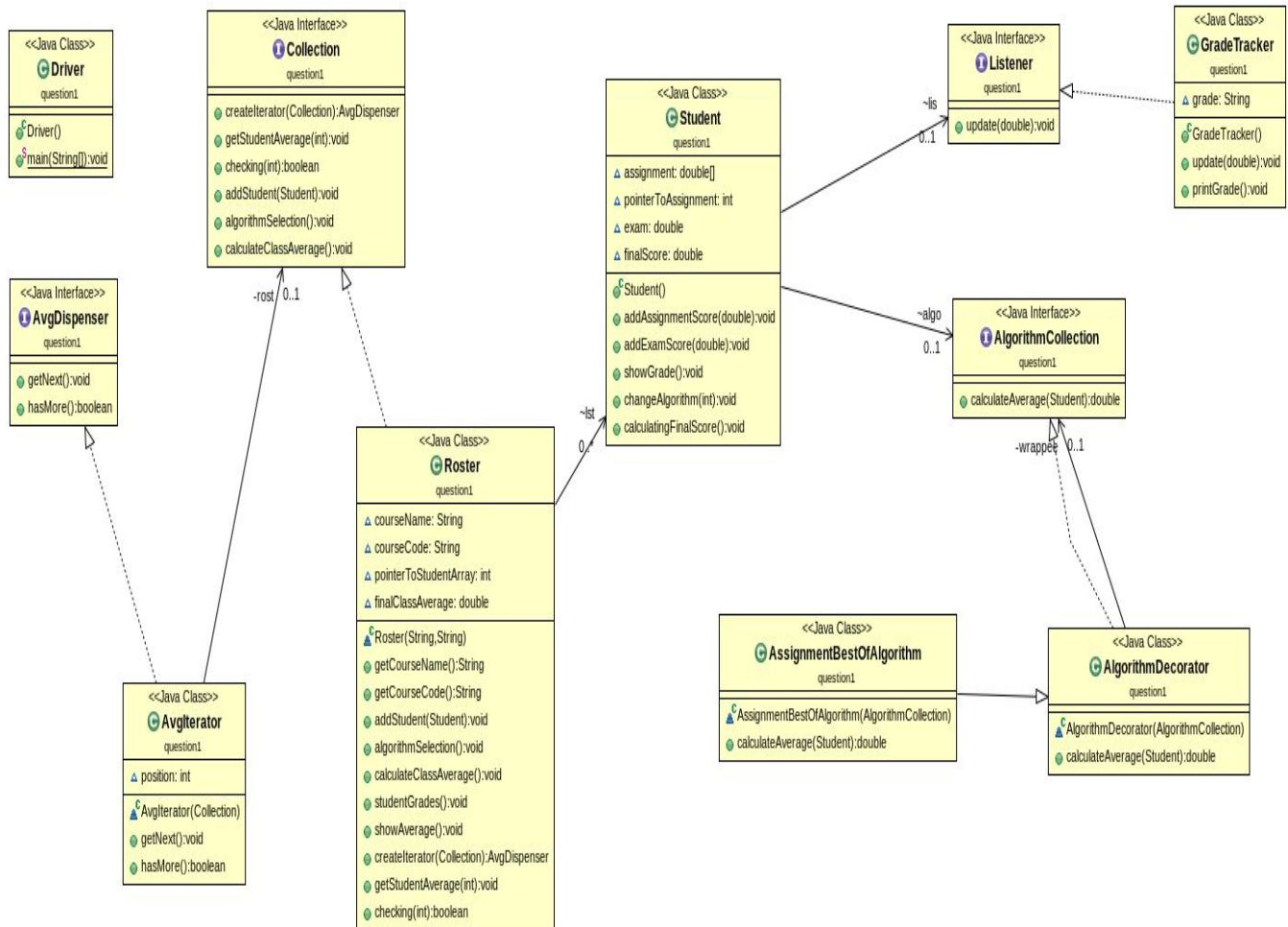
Question # 2.

I solved this question with slightly modification in question 1 using observer pattern, UML class diagram is given below and code is attached in the folder named as 2nd_attempt/question2.



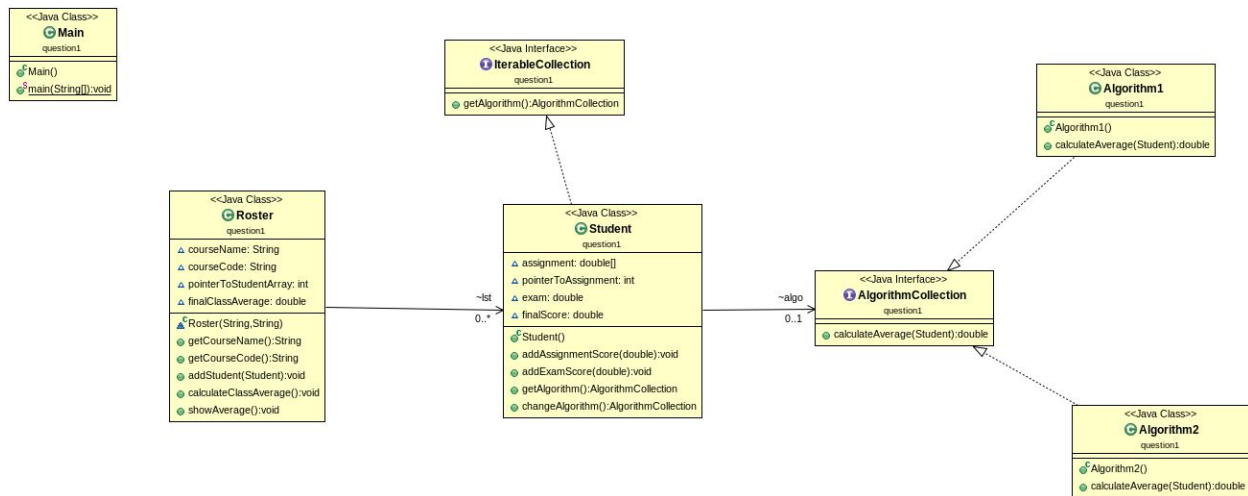
Question # 3.

I solved this question with slightly modification in question 2 using iterator pattern, UML class diagram is given below and code is attached in the folder named as 2nd_attempt/question3.



First Attempt

I solved also question 1 with iterator pattern as well, UML class diagram is given below and code is attached in the folder named as 1st_attempt/question1.



I solved also question 2 with small change in question 1 using observer pattern as well, UML class diagram is given below and code is attached in the folder named as 1st_attempt/question2.

