In-class assignment

Please fetch the Student.py file from the Elearning platform and thereafter carry out the following tasks.

1. Add three more instance variables - hostelname and age, csc102examscore to the code.

2. Create an instance method or function that determines if a student's age is above 16.

3. Create a class variable named ‘ registeredCourse’ and thereafter initialize this variable with ‘CSC 102’. In addition, create a class method or function that would print ‘registered course is CSC 102’.

4. Create an instance method or function that determines if a student has passed csc102examscore or not. If the person fails, less than 45, you have to inform that he/she would enroll for the course next year.

5. Add a static method that determines if a given number is even or odd.

6. Create a class method that prints the value of studentCounter.