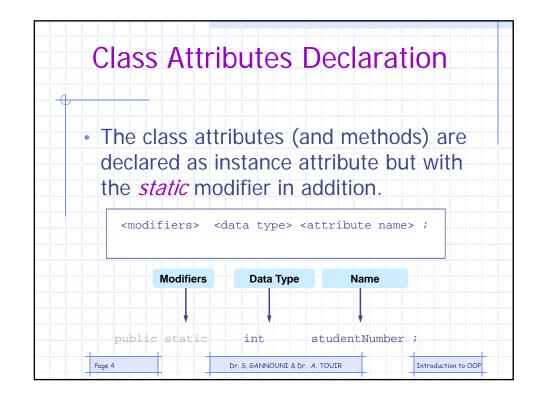
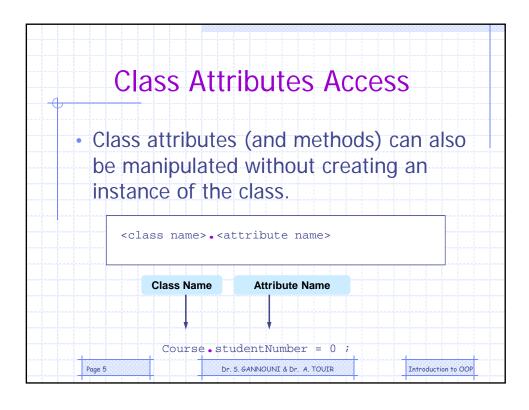


Class Attributes and Objects A class attribute is in one fixed location in memory.

- Every object of the class shares class attributes with the other objects.
- Any object of the class can change the value of a class attribute.
- Class attributes (and methods) can also be manipulated without creating an instance of the class.

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```
class Course {
      // attributes
public String studentName;
public String courseCode;
public static int studentNumber;
public class CourseRegistration
                                                                     CourseRegistration
    public static void main(String[] args) {
         Course course1, course2;
//Create and assign values to coursel
                                                                     +main()
         course1 = new Course( ); Course.studentNumber = 1;
         coursel.courseCode= new String("CSC112");
          course1.studentName= new String("Majed AlKebir");
//Create and assign values to course2
         course2 = new Course( ); Course.studentNumber ++;
         course2.courseCode= new String("CSC107");
          course2.studentName= new String("Fahd AlAmri");
         System.out.println(course1.studentName + " has the course "+
                              coursel.courseCode + " " + coursel.studentNumber);
         System.out.println(course2.studentName + " has the course "+
                              course2.courseCode + " " + course2.studentNumber);
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```