



2020-2019 فصل دراسي الثاني

برنامج الفيزياء وعلوم الحاسب
برمجة حاسب متقدم (210 س)

Oral Exam:

- 1- In your own words, specify the features of the advanced object-oriented programming with C# according to the following topics:
 - Classes, Objects, Methods,
 - Abstract Data Types.
- 2- In your own words, specify the features of the advanced object-oriented programming with C# according to the following topics:
 - Inheritance,
 - Overloading and Overriding.

Practical Exam:

10.3 (Rectangle Class) Create class Rectangle. The class has attributes length and width, each of which defaults to 1. It has read-only properties that calculate the Perimeter and the Area of the rectangle. It has properties for both length and width. The set accessors should verify that length and width are each floating-point numbers greater than 0.0 and less than 20.0. Write an app to test class Rectangle.