Data Structures Homework 2

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CENG 201 - Data Structures

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Implement a linked list class and create `void addOrdered(T item)` method which adds items ordered to linked list. `addOrdered` method is not for sorting the list. When `addOrdered` method is called on an empty list, new values must be inserted to linked list ordered.For example when 23,11,5,9,6,4,12,24 are added with `addOrdered` method respectively, the order in the list must be 4,5,6,9,11,12,23,24. You can implement singly or doubly link list.

The linked list class you implement must include the methods below:

- `public void addOrdered(T item)`: Adds items to linked list ordered
- `public void remove(T item)`: Removes first occurence of the item in the list
- `public int Count`: Returns item count of the list(property)
- `public void print()`: Prints items from start to end
- `public void clear()`: Removes all items in the list

Importand Dates :

Tablo 1: Important Dates

Event	Date	at	Format
Delivery	20.10.2017	EDS	source code and project files

Instructions on Delivery

- Homeworks must be installed on Eğitim Destek Sistemi(http://eds.pau.edu.tr/) in a zipped file(preferably zip).
- Name of the project and zip file must be in format of HW<homework number>VY<student number>. For example a student with 11253699 number sending second homework must name his/her zip file HW2VY11253699.zip.
- Homeworks must be MS Visual Studio or Monodevelop project.
- You must provide your student number and name as comment on top of your source code.
- Homeworks must be solved individually. Students who is detected of cheating will have -100 score for the related homework.