Day Two Assignments

1. Try all what we have learned in the lecture
2. Design and implement a structure for the employees in a company
3. Employee is identified by an ID, security level, salary, hire date and Gender.
4. Develop a Structure to represent the HiringDate Data Type consisting of fields to hold the day, month and Years.
5. We need to restrict the Gender field to be only M or F [Male of Female] (Use **Enum**.**Parse**)
6. Assign the security privileges to the employee in a form of byte **Flag** Enum, security privileges are guest, Developer, secretary and DBA.
7. We want to provide the Employee structure with the standard capabilities to represent Employee data in a string Form (override ToString ()), display employee salary in a currency format. [ use String.Format Function , do you need additional using Directive ]
8. Create an array of Employees with size three **a DBA, Guest and the third one is security officer who have full permissions,** (Employee [] EmpArr;)
9. Implement All the Necessary Member Functions on the Structure **(Getters, Setters)**
10. Define all the Necessary Constructors for the Structure
11. Read ALL Data from End User
12. **Allow NO RUNTIME errors if the user inputs any data**
13. **Sort the employees based on their hire date**
14. **Print the sorted array.**
15. **While sorting (how many times Boxing and Unboxing process has occurred )**
16. **Use the XML Comment, help on the meaning of every element, and generate the Help file.**