**Question 1**

1. Create an interface **IIntership** that has the following methods:

* double **SalaryAmount(**): calculate salary amount .
* void DisplayDetail(): display the information of **Intership**.

1. Create a class **Intership** implement from interface **IIntership.**
2. **Define some fields – private property:**

* string name: Name of Intership.
* int age: Age of Intership.
* float java: mark Java of Intership.
* float sprintBoot: mark SpringBoot of Intership.
* float webprogramming : mark Webprogramming of Intership.
* float average: average mark of Intership CY compamy

1. define get/set method with above fields with check validation with set.
2. define get method with :

* float getAverage = ((java + sprintBoot + webprogramming)/3)

***Note:***

1. **Methods:**

* Method **DisplayDetail()** to display all information of the Intership.
* Method **SalaryAmount()**:

checking if marks are greater than 7 then calculating scholarship amount using arithmetic operators

* + Average >= 9 -> Salary amount = 5000000
  + Average : [8, 9) -> Salary amount = 3000000
  + Average : [7-8) -> Salary amount = 1500000

Else

Salary amount =0

1. Declaring class BackendDevelopment inherits from **Intership**

**1. Field:**

* + float plusMark - plus mark of **Intership**. Default value is 0.1.

**2. Methods:**

- Override method DisplayDetail() to display information of **Intership**, and plus mark.

- Override method **SalaryAmount**(), with average mark= average mark + plus mark

1. Create a class **EmployeeTest** to test classes: Define an instance of BackendDevelopment class. Please demo by get all information from the keyboard, then display information of this instance.

**Question 2 :**

* Writing IEmployee interface with Generic with T type. It has the same function as interface **IIntership**.
* Writing class Employee implementation imterface IEmployee<> generic, with same function as class Intership.
* Writing EmployeeGenericTest for test Employee class

https://github.com/thedathoudarya/WAGU-data-in-table-view