**Q1**

Xây dựng Class Subject

+ public properties: Id (int), Name (string)

+ constructors

+ necessary method

Xây dựng Class Course

+ public properties: Id (int), Name (string), startDate (Dob)

+ private attribute Dictionary<Subject, double> name “SubjectCredit” chứa thông tin Subject và số tín chỉ credit tương ứng

Viết các method tương ứng để chạy được các câu lệnh trong hàm main được cho

1. Hàm khởi tạo
2. AddSubject(Subject s, double b) thêm Subject trong Course và In ra thông tin các Subject thuộc Coures và thông tin Course tương ứng
3. ContainsSubject(Subject subject) => Kiểm tra xem Subject có thuộc Course không? (Thông qua các)
4. Sắp xếp các Courses theo Name

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**Q2**

You are asked to write a console application that includes:

* A class Student that has four public properties: Id (int), Name (string), Dob (DateTime), Gender (string), along with necessary constructors and methods.
* A generated delegate: void Presentation<T>(T item).
* A generic class Class<T> that has:
  + A public property Name (string).
  + A private member that can store a list of type T.
  + A necessary constructor.
  + Three public methods:
    - void Add(T item): Adds a new item of type T into the private list.
    - bool Contains(T item): Checks if the item is in the private list. (check by Id and Name)
    - void Display(Presentation<T> presentation): Displays the Title and items in the private list to the console. Each item in the list must be displayed according to the definition of the presentation.

Using everything you have defined, the Program class (shown in Figure 1) will produce the result as shown in Figure 2. Note that two employees are considered equal if all their information is the same.

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