WebAPI Lab1

1- Implement HTTP web service that manage SD courses :

- create table in database to manage your courses like this :

	Column Name	Data Type	Allow Nulls
🔑	ID	int	☐
	Crs_name	nvarchar(50)	☑
	crs_desc	nvarchar(150)	☑
	Duration	int	☑

- Service includes the following methods(Don't Change Method Name):

  - **get ()**

    -If found any course : return 200 status code + List<course>.

    - If not found any course: return 404 status code .

  - **deleteCourse(id)**

    - If id not found in course list: return 404 status code

    - If course found : delete it and return 200 status code + List<course> .

  - **put(id, course)**

    -If id != course.id : return 400 status code. -If id not found in course list : return 404 status code.

    -If found : update course and return 204 status code.

- **post(course)**
  - If course parm == null :return 400 status code
  - If course parm != null :add course to list and return 201 status code.
  - **getById(id)**
    - if id not found in course list : return 404 status code .
    - if course found : return 200 status code + course.

  - **couseByName(name)**
    - if name not found in course list : return 404 status code .
    - if course found : return 200 status code + course .

- configure Swagger UI
- Use Fiddler and Swagger to test all actions…

Bonus :

Create desktop Client to consume your API "read and create action ".