


# 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	<input type="checkbox"/>
	Crs_name	nvarchar(50)	<input checked="" type="checkbox"/>
	crs_desc	nvarchar(150)	<input checked="" type="checkbox"/>
	Duration	int	<input checked="" type="checkbox"/>

□ 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 .

□ Use Fiddler or Swagger to test all actions...