Brennen Boese

Lab Week 6 REST/API

CST356


```
C:\Users\abboe>dotnet --version
3.1.100
```



```
Command Prompt                                                                                    —  □  ×

NUnit 3 Test Item                       nunit-test          [C#], F#, VB    Test/NUnit
xUnit Test Project                      xunit               [C#], F#, VB    Test/xUnit
Razor Component                         razorcomponent      [C#]            Web/ASP.NET
Razor Page                              page                [C#]            Web/ASP.NET
MVC ViewImports                         viewimports         [C#]            Web/ASP.NET
MVC ViewStart                           viewstart           [C#]            Web/ASP.NET
Blazor Server App                       blazorserver        [C#]            Web/Blazor
ASP.NET Core Empty                      web                 [C#], F#        Web/Empty
ASP.NET Core Web App (Model-View-Controller)  mvc           [C#], F#        Web/MVC
ASP.NET Core Web App                    webapp              [C#]            Web/MVC/Razor Pages
ASP.NET Core with Angular               angular             [C#]            Web/MVC/SPA
ASP.NET Core with React.js              react               [C#]            Web/MVC/SPA
ASP.NET Core with React.js and Redux    reactredux          [C#]            Web/MVC/SPA
Razor Class Library                     razorclasslib       [C#]            Web/Razor/Library/Razor Class Library
ASP.NET Core Web API                    webapi              [C#], F#        Web/WebAPI
ASP.NET Core gRPC Service               grpc                [C#]            Web/gRPC
dotnet gitignore file                   gitignore                           Config
global.json file                        globaljson                          Config
NuGet Config                            nugetconfig                         Config
Dotnet local tool manifest file         tool-manifest                       Config
Web Config                              webconfig                           Config
Solution File                           sln                                 Solution
Protocol Buffer File                    proto                               Web/gRPC

Examples:
    dotnet new mvc --auth Individual
    dotnet new console
    dotnet new --help

C:\Users\Boese>
```

GET ▼ http://localhost:5000/WeatherForecast
Send ▼   Save ▼

Params   Authorization   Headers (6)   Body   Pre-request Script   Tests   Settings   Cookies Code

Query Params

KEY   VALUE   DESCRIPTION   •••   Bulk Edit

Key   Value   Description

Body   Cookies   Headers (4)   Test Results   Status: 200 OK   Time: 140 ms   Size: 645 B   Save Response ▼

Pretty   Raw   Preview   Visualize   JSON ▼

1   [
2   {
3   "date": "2021-02-18T07:29:45.0181621-08:00",
4   "temperatureC": -5,
5   "temperatureF": 24,
6   "summary": "Balmy"
7   },
8   {
9   "date": "2021-02-19T07:29:45.0183566-08:00",
10   "temperatureC": -6,
11   "temperatureF": 22,
12   "summary": "Hot"
13   },
14   {
15   "date": "2021-02-20T07:29:45.0183633-08:00",
16   "temperatureC": 54,
17   "temperatureF": 129,
18   "summary": "Chilly"

Bootcamp   Build   Browse

GET ▼ http://localhost:5000/Weather
Send ▼   Save ▼

Params   Authorization   Headers (6)   Body   Pre-request Script   Tests   Settings   Cookies Code

Query Params

KEY   VALUE   DESCRIPTION   •••   Bulk Edit

Key   Value   Description

Body   Cookies   Headers (3)   Test Results   Status: 404 Not Found   Time: 7 ms   Size: 99 B   Save Response ▼

```
GET        ▼    http://localhost:5000/api/Student

Params    Authorization    Headers (6)    Body    Pre-request Script

Query Params

  KEY                                          VALUE

  Key                                          Value

Body  Cookies  Headers (4)  Test Results

  Pretty    Raw    Preview    Visualize    JSON  ▼    ⇄

   1   [
   2       {
   3           "id": 1,
   4           "firstName": "Tom",
   5           "lastName": "Jones"
   6       },
   7       {
   8           "id": 2,
   9           "firstName": "Mary",
  10           "lastName": "Smith"
  11       }
  12   ]
```

Comments

GET   http://localhost:5000/api/Instructor   **Send** ▾   Save

Params   Authorization   Headers (6)   Body   Pre-request Script   Tests   Settings   Cookies

Query Params

KEY	VALUE	DESCRIPTION	•••	Bulk
Key	Value	Description		

Body   Cookies   Headers (4)   Test Results   Status: 200 OK   Time: 5 ms   Size: 277 B   Save Respons

Pretty   Raw   Preview   Visualize   JSON ▾   ⇄   ⧉

```
 1  [
 2      {
 3          "email": "hello@gmail.con",
 4          "firstName": "Tom",
 5          "lastName": "Jones"
 6      },
 7      {
 8          "email": "hi@gmail.con",
 9          "firstName": "Mary",
10          "lastName": "Smith"
11      }
12  ]
```