



# ASP.NET CORE WEB API

CRUD med Web API (Create, Read, Update, Delete)



# Visual Studio 2019

## Open recent

As you use Visual Studio, any projects, folders, or files that you open will show up here for quick access.

You can pin anything that you open frequently so that it's always at the top of the list.

## Get started



### Clone or check out code

Get code from an online repository like GitHub or Azure DevOps



### Open a project or solution

Open a local Visual Studio project or .sln file



### Open a local folder

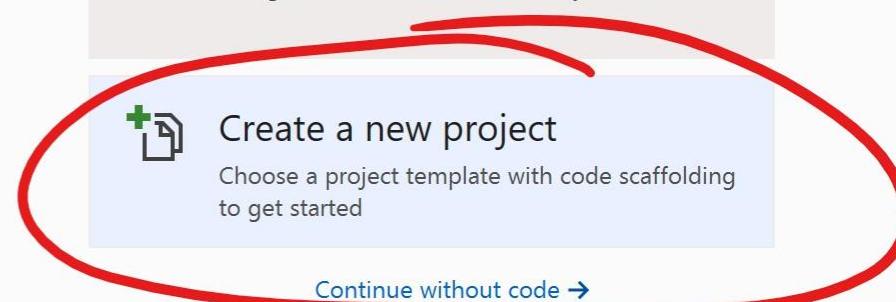
Navigate and edit code within any folder



### Create a new project

Choose a project template with code scaffolding to get started

[Continue without code →](#)



X

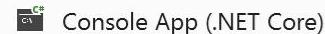
# Create a new project

## Recent project templates



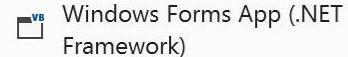
Azure Functions

C#



Console App (.NET Core)

C#



Windows Forms App (.NET Framework)

Visual Basic



ASP.NET Core Web Application

C#



Console App (.NET Framework)

C#



Azure Resource Group

C#



ASP.NET Web Application (.NET Framework)

C#



ASP.NET Web Application (.NET Framework)

Visual Basic

Search for templates (Alt+S)



Clear all

C#

All platforms

All project types



Console App (.NET Core)

A project for creating a command-line application that can run on .NET Core on Windows, Linux and MacOS.

C#

Linux

macOS

Windows

Console



ASP.NET Core Web Application

Project templates for creating ASP.NET Core web apps and web APIs for Windows, Linux and macOS using .NET Core or .NET Framework. Create web apps with Razor Pages, MVC, or Single Page Apps (SPA) using Angular, React, or React + Redux.

C#

Linux

macOS

Windows

Cloud

Service

Web



Blazor App

Project templates for creating Blazor apps that run on the server in an ASP.NET Core app or in the browser on WebAssembly. These templates can be used to build web apps with rich dynamic user interfaces (UIs).

C#

Linux

macOS

Windows

Cloud

Web



Class Library (.NET Standard)

A project for creating a class library that targets .NET Standard.

C#

Android

iOS

Linux

macOS

Windows

Library

Back

Next



# Configure your new project

ASP.NET Core Web Application

C#

Linux

macOS

Windows

Cloud

Service

Web

Project name

WebApi

Location

C:\Users\HansMattiin-Lassei\source\repos



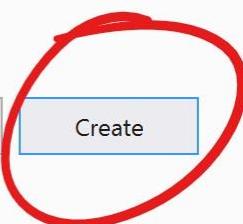
Solution name 

WebApi

Place solution and project in the same directory

Back

Create



# Create a new ASP.NET Core web application

.NET Core  ▾



## Empty

An empty project template for creating an ASP.NET Core application. This template does not have any content in it.



## API

A project template for creating an ASP.NET Core application with an example Controller for a RESTful HTTP service. This template can also be used for ASP.NET Core MVC Views and Controllers.



## Web Application

A project template for creating an ASP.NET Core application with example ASP.NET Razor Pages content.



## Web Application (Model-View-Controller)

A project template for creating an ASP.NET Core application with example ASP.NET Core MVC Views and Controllers. This template can also be used for RESTful HTTP services.



## Angular

A project template for creating an ASP.NET Core application with Angular



## React.js

[Get additional project templates](#)

## Authentication

No Authentication

[Change](#)

## Advanced

Configure for HTTPS

Enable Docker Support

(Requires [Docker Desktop](#))

Linux

Author: Microsoft

Source: .NET Core 3.1.1

Back

Create



Startup.cs WebApi

WebApi.WebApi

WebApi.Startup

Configure(IApplicationBuilder app, IWebHostEnvironment env)

```
1  using System;
2  using System.Collections.Generic;
3  using System.Linq;
4  using System.Threading.Tasks;
5  using Microsoft.AspNetCore.Builder;
6  using Microsoft.AspNetCore.Hosting;
7  using Microsoft.AspNetCore.Http;
8  using Microsoft.Extensions.DependencyInjection;
9  using Microsoft.Extensions.Hosting;
10 
11 namespace WebApi
12 {
13     public class Startup
14     {
15         // This method gets called by the runtime. Use this method to add services to the container.
16         // For more information on how to configure your application, visit https://go.microsoft.com/fwlink/?LinkID=398940
17         public void ConfigureServices(IServiceCollection services)
18         {
19         }
20 
21         // This method gets called by the runtime. Use this method to configure the HTTP request pipeline.
22         public void Configure(IApplicationBuilder app, IWebHostEnvironment env)
23         {
24             if (env.IsDevelopment())
25             {
26                 app.UseDeveloperExceptionPage();
27             }
28 
29             app.UseRouting();
30 
31             app.UseEndpoints(endpoints =>
32             {
33                 endpoints.MapGet("/", async context =>
34                 {
35                     await context.Response.WriteAsync("Hello World");
36                 });
37             });
38         }
39     }
40 }
41 
```

90 % No issues found | Ln: 31 Ch: 42 SPC CRLF

Live Share

Solution Explorer

Properties

Search Solution Explorer (Ctrl+Shift+F)

Solution 'WebApi' (1 of 1 project)

WebApi

- Connected Services
- Dependencies
- Properties
- appsettings.json
- Program.cs
- Startup.cs

SQL Server Object Explorer

Toolbox

File Edit View Project Build Debug Test Analyze Tools Extensions Window Help Search (Ctrl+Q) WebApi

Add to Source Control

Ready

Package Manager Console Error List ... Output Web Publish Activity

The screenshot shows the Microsoft Visual Studio IDE interface for a .NET Core Web API project named "WebApi".

**Top Bar:** File, Edit, View, Project, Build, Debug, Test, Analyze, Tools, Extensions, Window, Help, Search (Ctrl+Q), WebApi.

**Toolbar:** Standard icons for file operations like Open, Save, Print, etc.

**Solution Explorer:** Shows the solution structure with one project named "WebApi" containing files: Connected Services, Dependencies, Properties, appsettings.json, Program.cs, and Startup.cs.

**Properties:** A panel showing properties for the selected item.

**Code Editor:** The "Startup.cs" file is open, showing the following C# code:

```
1  using System;
2  using System.Collections.Generic;
3  using System.Linq;
4  using System.Threading.Tasks;
5  using Microsoft.AspNetCore.Builder;
6  using Microsoft.AspNetCore.Hosting;
7  using Microsoft.AspNetCore.Http;
8  using Microsoft.Extensions.DependencyInjection;
9  using Microsoft.Extensions.Hosting;
10
11 namespace WebApi
12 {
13     public class Startup
14     {
15         public void ConfigureServices(IServiceCollection services)
16         {
17             // Configuration logic here
18         }
19     }
20 }
```

**Status Bar:** 90 %, No issues found, Ln: 16 Ch: 9 SPC CRLF, Solution Explorer, Team Explorer.

**Bottom Navigation:** Package Manager Console, Error List ..., Output, Web Publish Activity.

A screenshot of the Visual Studio IDE interface. The main window displays the `Startup.cs` file for a project named `WebApi`. The code implements the `IConfiguration` interface and its constructor, setting the `Configuration` property to the provided `configuration`.

```
1  using System;
2  using System.Collections.Generic;
3  using System.Linq;
4  using System.Threading.Tasks;
5  using Microsoft.AspNetCore.Builder;
6  using Microsoft.AspNetCore.Hosting;
7  using Microsoft.AspNetCore.Http;
8  using Microsoft.Extensions.Configuration;
9  using Microsoft.Extensions.DependencyInjection;
10 using Microsoft.Extensions.Hosting;
11
12 namespace WebApi
13 {
14     public class Startup
15     {
16         public IConfiguration Configuration { get; }
17
18         public Startup(IConfiguration configuration)
19         {
20             Configuration = configuration;
21         }
22
23     }
24 }
```

Annotations in red ink have been added to the code:

- A red arrow points from the `Configuration` field declaration at line 16 to the `configuration` parameter in the constructor at line 18.
- A red arrow points from the `configuration` parameter in the constructor at line 18 to the assignment statement at line 20.
- A large curly brace on the right side of the code block groups the `Configuration` field and the constructor, with the handwritten text "lags f. l." written above it.
- A small handwritten note "do" is written near the bottom of the brace.

The Solution Explorer on the right shows the project structure with files like `appsettings.json`, `Program.cs`, and `Startup.cs`.



Startup.cs\* WebApi

WebApi WebApi WebApi.Startup ConfigureServices(IServiceCollection services)

```
16     1 reference
17     public IConfiguration Configuration { get; }
18
19     0 references
19     public Startup(IConfiguration configuration)
20     {
21         Configuration = configuration;
22     }
23
24     0 references
24     public void ConfigureServices(IServiceCollection services)
25     {
26         services.AddControllers();
27     }
28
29 }
30
31 }
32 }
```

132 % No issues found

File Edit View Project Build Debug Test Analyze Tools Extensions Window Help Search (Ctrl+Q) WebApi - □ × Live Share Properties

Toolbox Server Explorer SQL Server Object Explorer

Solution Explorer Solution 'WebApi' (1 of 1 project) WebApi Connected Services Dependencies Properties appsettings.json Program.cs Startup.cs

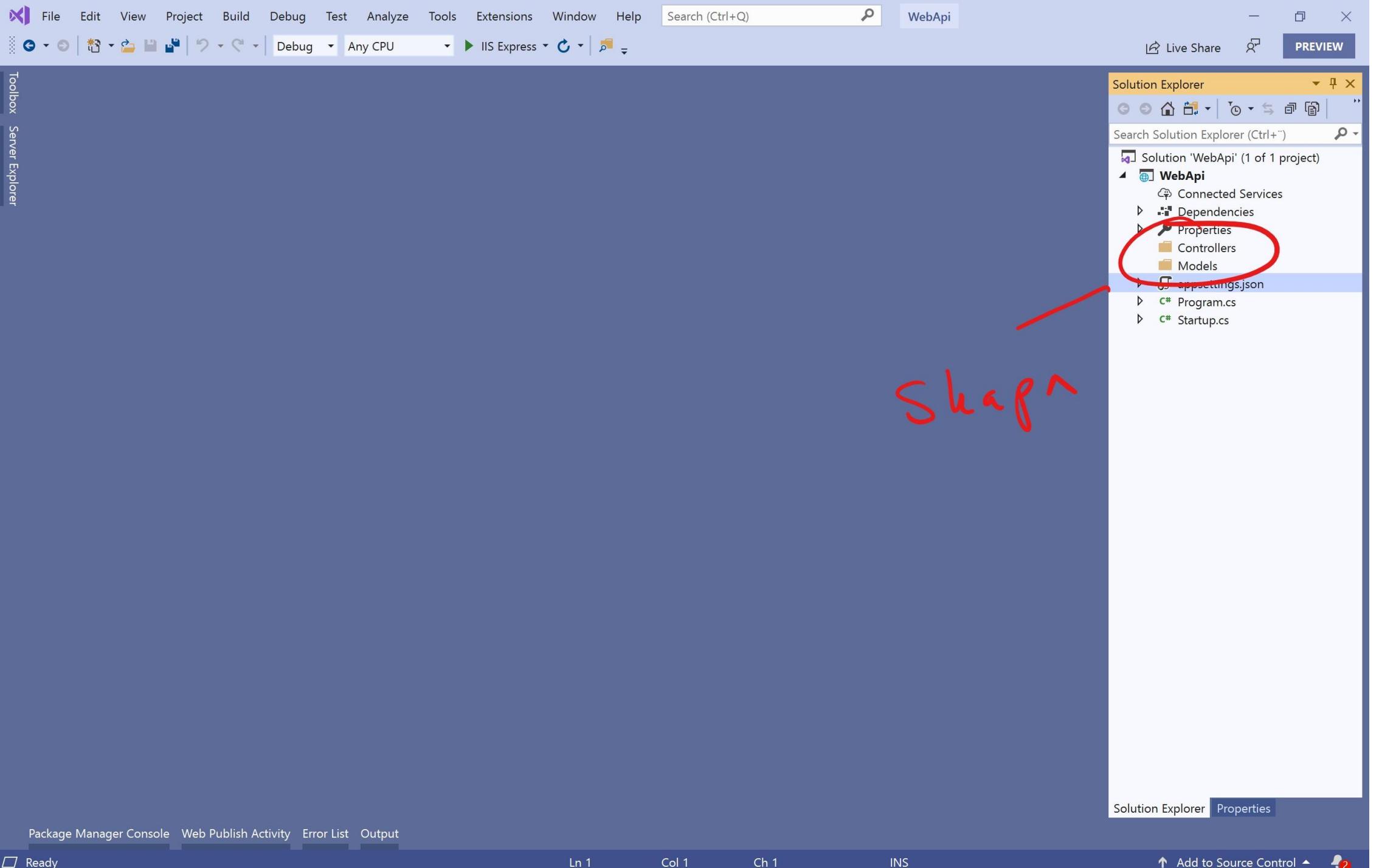
Package Manager Console Error List ... Output Web Publish Activity

Ready Add to Source Control ▲ 5

The screenshot shows the Microsoft Visual Studio IDE interface with the following details:

- Top Bar:** File, Edit, View, Project, Build, Debug, Test, Analyze, Tools, Extensions, Window, Help, Search (Ctrl+Q), WebApi.
- Solution Explorer:** Shows a single project named "WebApi" with files: Connected Services, Dependencies, Properties, appsettings.json, Program.cs, and Startup.cs.
- Toolbox:** Available on the left side of the editor.
- Editor:** Displays the code for `Startup.cs`. A red box highlights the `Configure` method.

```
23     0 references
24     public void ConfigureServices(IServiceCollection services)
25     {
26         services.AddControllers();
27     }
28
29     0 references
30     public void Configure(IApplicationBuilder app, IWebHostEnvironment env)
31     {
32         app.UseRouting();
33
34         app.UseAuthorization();
35
36         app.UseEndpoints(endpoints =>
37         {
38             endpoints.MapControllers();
39         });
39
40     }
41
42     }
43
44     }
45 }
```
- Status Bar:** Shows 132 % zoom, No issues found, Ln: 31, Ch: 10, SPC, CRLF.
- Bottom Navigation:** Package Manager Console, Error List ..., Output, Web Publish Activity, Solution Explorer, Team Explorer.



View in Browser (Google Chrome)

Browse With...

## Add

Scope to This

New Solution Explorer View

Exclude From Project

Cut Ctrl+X

Copy Ctrl+C

Delete Del

Rename

Open Folder in File Explorer

Properties Alt+Enter

-  Controller...
-  New Item... Ctrl+Shift+A
-  Existing Item... Shift+Alt+A
-  New Scaffolded Item...
-  New Folder
- Container Orchestrator Support...
-  Docker Support...
-  Client-Side Library...
- New Azure WebJob Project
- Existing Project as Azure WebJob
-  Class... Shift+Alt+C



shap^

```
Product.cs*  X
File Edit View Project Build Debug Test Analyze Tools Extensions Window Help Search (Ctrl+Q) WebApi
Debug Any CPU IIS Express PREVIEW
Toolbox WebApi Product.cs* Price
Product.cs*  X
WebApi
using System.Linq;
using System.Threading.Tasks;
namespace WebApi.Models
{
    public class Product
    {
        public int Id { get; set; }
        public string Name { get; set; }
        public string Description { get; set; }
        public double Price { get; set; }
    }
}
Solution Explorer
Search Solution Explorer (Ctrl+Shift+F)
Solution 'WebApi' (1 of 1 project)
WebApi
Connected Services
Dependencies
Properties
Controllers
Models
Product.cs
appsettings.json
Program.cs
Startup.cs
139 %  No issues found
Solution Explorer Properties
Package Manager Console Web Publish Activity Error List Output
Ln 14 Col 1 Ch 1 INS
Ready Add to Source Control 2
```



Solution Explorer

Search Solution Explorer (Ctrl+Shift+F)

Solution 'WebApi' (1 of 1 project)

WebApi

- Connected Services
- Dependencies
- Properties
- Controllers

Product.cs\*

WebApi

WebApi.Models.Product

Price

```
4     using System.Linq;
5     using System.Threading.Tasks;
6 
7     namespace WebApi.Models
8     {
9         0 references
10        public class Product
11        {
12            0 references
13            public int Id { get; set; }
14            0 references
15            public string Name { get; set; }
16            0 references
17            public string Description { get; set; }
18            0 references
19            public double Price { get; set; }
20        }
21    }
```

Controller...

- New Item... Ctrl+Shift+A
- Existing Item... Shift+Alt+A
- New Scaffolded Item...
- New Folder
- Container Orchestrator Support...
- Docker Support...
- Client-Side Library...
- New Azure WebJob Project
- Existing Project as Azure WebJob
- Class... Shift+Alt+C

Add

Scope to This

New Solution Explorer View

Exclude From Project

Cut Ctrl+X

Copy Ctrl+C

Delete Del

Rename

Open Folder in File Explorer

Properties Alt+Enter

Toolbox

Server Explorer

139 %

No issues found

Package Manager Console Web Publish Activity Error List Output

Ln 14 Col 1 Ch 1 INS

This item does not support previewing

Add to Source Control

PREVIEW

Live Share PREVIEW

Product.cs

Add New Scaffolded Item

Installed

- MVC Controller - Empty
- MVC Controller with read/write actions
- MVC Controller with views, using Entity Framework
- API Controller - Empty**
- API Controller with read/write actions
- API Controller with actions, using Entity Framework

An empty API controller.

Id: ApiControllerEmptyScaffolder

Click here to go online and find more scaffolding extensions.

Add Cancel

```
4 using System;
5 using System.Collections.Generic;
6 using System.Linq;
7 using System.Web;
8 using System.Web.Http;
9 using System.Web.Optimization;
10 using System.Web.Routing;
11 using System.Web.Security;
12 using System.Web.SessionState;
13
14 [RoutePrefix("api")]
15 public class ProductController : ApiController
16 {
17 }
```

Solution Explorer

Solution Explorer (Ctrl+Shift+E)

Solution 'WebApi' (1 of 1 project)

WebApi

- Connected Services
- Dependencies
- Properties
- Controllers**
- Models
- Product.cs
- appsettings.json
- Program.cs
- Startup.cs

139 % No issues found

Package Manager Console Web Publish Activity Error List Output

Ln 14

Col 1

Ch 1

INS

Add to Source Control

Ready

The screenshot shows the Microsoft Visual Studio IDE interface for a .NET Web API project named "WebApi".

**Solution Explorer:** Shows the project structure with files like `Product.cs`, `appsettings.json`, `Program.cs`, and `Startup.cs`.

**Product.cs (Code Editor):** Displays the code for the `Product` class in the `WebApi.Models` namespace. The class has properties `Id`, `Name`, and `Price` with their respective getters and setters.

**Add Empty API Controller Dialog:** A modal dialog is open, prompting for a controller name. The input field contains "ProductsController". The "Add" button is highlighted with a red circle, and the "Cancel" button is also circled.

**Toolbox:** Located on the left side of the interface.

**Status Bar:** Shows the zoom level (139%), issue status ("No issues found"), and navigation information (Ln 14, Col 1, Ch 1, INS).

ProductsController.cs\* □ X Product.cs

WebApi.Controllers.ProductsController

products

```
5  using Microsoft.AspNetCore.Http;
6  using Microsoft.AspNetCore.Mvc;
7  using WebApi.Models; Täggs +.11
8
9  namespace WebApi.Controllers
10 {
11     [Route("api/[controller]")]
12     [ApiController]
13     public class ProductsController : ControllerBase
14     {
15         private static List<Product> products = new List<Product>()
16         {
17             V. M. t:5
18             new Product {
19                 Id = 1006368,
20                 Name = "Austin and Barbeque AABQ Wifi Food Thermometer",
21                 Description = "Termometer med WiFi för en optimal innertemperatur",
22                 Price = 399
23             },
24             new Product {
25                 Id = 1009334,
26                 Name = "Andersson Elektrisk Tändare ECL 1.1",
27                 Description = "Elektrisk stormssäker tändare helt utan gas och bränsle",
28                 Price = 89
29             },
30             new Product {
31                 Id = 1002266,
32                 Name = "Weber Non-Stick Spray",
33                 Description = "BBQ-oljespray som motverkar att råvaror fastnar på gallret",
34                 Price = 99
35             }
36         };
37     }
38 }
```

115 % □ No issues found

File Edit View Project Build Debug Test Analyze Tools Extensions Window Help Search (Ctrl+Q) WebApi Live Share PREVIEW

Toolbox Server Explorer

Solution Explorer

Search Solution Explorer (Ctrl+Shift+F)

Solution 'WebApi' (1 of 1 project)

- WebApi
  - Connected Services
  - Dependencies
  - Properties
  - Controllers
  - Models
    - Product.cs
  - appsettings.json
  - Program.cs
  - Startup.cs

Package Manager Console Web Publish Activity Error List Output

Ln 17 Col 10 Ch 10 INS

Ready Add to Source Control

The screenshot shows the Microsoft Visual Studio IDE interface. The main window displays the code for `ProductsController.cs`. A red oval highlights the `[HttpGet]` annotated method `Get()`, which returns an `IEnumerable<Product>`. The code also includes two static product entries in the controller's constructor.

```
26     Name = "Andersson Elektrisk Tändare ECL 1.1",
27     Description = "Elektrisk stormsäker tändare helt utan gas och bränsle",
28     Price = 89
29 },
30 new Product {
31     Id = 1002266,
32     Name = "Weber Non-Stick Spray",
33     Description = "BBQ-oljespray som motverkar att råvaror fastnar på gallret",
34     Price = 99
35 }
36 };
37
38 //GET ALL PRODUCTS
39 [HttpGet]
40 public IEnumerable<Product> Get()
41 {
42     return products;
43 }
44
45
46
47
48
49
50 }
51 }
```

The Solution Explorer on the right shows the project structure for 'WebApi' with files like `Product.cs`, `appsettings.json`, and `Startup.cs`.

The screenshot shows the Microsoft Visual Studio IDE interface. The main area is the code editor displaying `ProductsController.cs`. A red oval highlights the `Get(int id)` method, which retrieves a specific product by its ID. The code editor also shows other methods: `Get()` which returns all products, and `Post(Product)` which adds a new product. The Solution Explorer on the right shows the project structure for 'WebApi'.

```
30     new Product {
31         Id = 1002266,
32         Name = "Weber Non-Stick Spray",
33         Description = "BBQ-oljespray som motverkar att råvaror fastnar på gallret",
34         Price = 99
35     };
36 }
37
38
39
40 //GET ALL PRODUCTS
41 [HttpGet]
42 public IEnumerable<Product> Get()
43 {
44     return products;
45 }
46
47
48 //GET SPECIFIC PRODUCT
49 [HttpGet("{id}")]
50 public Product Get(int id)
51 {
52     var product = products.Find(p => p.Id == id);
53     return product;
54 }
55
56
57
58
59 }
60 }
61 }
```

Screenshot of Microsoft Visual Studio IDE showing a C# code editor for a Web API project.

The code editor displays the `ProductsController.cs` file, which contains the following code:

```
45 }  
46  
47 //GET SPECIFIC PRODUCT  
48 [HttpGet("{id}")]  
49 public Product Get(int id)  
50 {  
51     var product = products.Find(p => p.Id == id);  
52     return product;  
53 }  
54  
55  
56 //ADD NEW PRODUCT  
57 [HttpPost]  
58 public void Post([FromBody] Product product)  
59 {  
60     products.Add(product);  
61 }  
62  
63 }  
64  
65  
66  
67  
68 }  
69 }  
70 }
```

A red oval highlights the `[HttpPost]` attribute and the `Post` method body, indicating the area of focus for the discussion.

The Solution Explorer on the right shows the project structure:

- Solution 'WebApi' (1 of 1 project)
  - WebApi
    - Connected Services
    - Dependencies
    - Properties
    - Controllers
      - Product.cs
    - Models
      - Product.cs
    - appsettings.json
    - Program.cs
    - Startup.cs

Other visible tabs include `Product.cs`, `WebApi.Controllers.ProductsController`, and `products`.

Bottom navigation includes `Package Manager Console`, `Web Publish Activity`, `Error List`, `Output`, `Ln 69`, `Col 6`, `Ch 6`, `INS`, `Add to Source Control`, and a status bar showing `Ready`.

The screenshot shows the Microsoft Visual Studio IDE interface. The main area displays the code for `WebApi.Controllers.ProductsController`. A red oval highlights the `Delete` method.

```
51     {
52         var product = products.Find(p => p.Id == id);
53         return product;
54     }
55
56
57
58
59     //ADD NEW PRODUCT
60     [HttpPost]
61     public void Post([FromBody] Product product)
62     {
63         products.Add(product);
64     }
65
66     //DELETE PRODUCT
67     [HttpDelete("{id}")]
68     public void Delete(int id)
69     {
70         var product = products.Where(p => p.Id == id);
71         products = products.Except(product).ToList();
72     }
73
74
75
76
77
78
79
80 }
```

The Solution Explorer on the right shows the project structure:

- Solution 'WebApi' (1 of 1 project)
  - WebApi
    - Connected Services
    - Dependencies
    - Properties
    - Controllers
    - Models
      - Product.cs
    - appsettings.json
    - Program.cs
    - Startup.cs

At the bottom, the status bar indicates: 115 %, No issues found, Ln 66, Col 9, Ch 9, INS.

Live Share  PREVIEW

ProductsController.cs\*  Product.cs

WebApi WebApi.Controllers.ProductsController Put(int id, Product product)

```
products.Add(product);  
}  
  
//DELETE PRODUCT  
[HttpDelete("{id}")]  
0 references  
public void Delete(int id)  
{  
    var product = products.Where(p => p.Id == id);  
    products = products.Except(product).ToList();  
}  
  
//UPDATE PRODUCT  
[HttpPut("{id}")]  
0 references  
public void Put(int id, [FromBody] Product product)  
{  
    var existingProduct = products.Where(p => p.Id == id);  
    products = products.Except(existingProduct).ToList();  
  
    products.Add(product);  
}
```

Toolbox  Server Explorer 

Solution Explorer  Search Solution Explorer (Ctrl+F) 

WebApi  
Connected Services  
Dependencies  
Properties  
Controllers  
Models  
Product.cs  
appsettings.json  
Program.cs  
Startup.cs

115%  No issues found 

Package Manager Console Web Publish Activity Error List Output

Ln 91 Col 9 Ch 9 INS

Ready  Add to Source Control  



File Edit View Help

+ New

Import

Runner



My Workspace Invite



Sign In

Filter

History

Collections

APIs

Save Responses

Clear all

Today

GET http://localhost:58938/api/products

Body

Cookies

Headers (5)

Test Results

Status: 200 OK

Time: 130ms

Size: 614 B

Save Response

Send

Save

Pretty

Raw

Preview

Visualize

JSON



```
1 [
2   {
3     "id": 1006368,
4     "name": "Austin and Barbeque AABQ Wifi Food Thermometer",
5     "description": "Termometer med WiFi för en optimal innertemperatur",
6     "price": 399
7   },
8   {
9     "id": 1009334,
10    "name": "Andersson Elektrisk Tändare ECL 1.1",
11    "description": "Elektrisk stormräker tändare helt utan gas och bränsle",
12    "price": 89
13  },
14  {
15    "id": 1002266,
16    "name": "Weber Non-Stick Spray",
17    "description": "BBQ-oljespray som motverkar att råvaror fastnar på gallret",
18    "price": 99
19  }
20 ]
```



Bootcamp



+ New

Import

Runner



My Workspace

Invite



Sign In

Filter

History

Collections

APIs

Save Responses

Clear all

Today

POST http://localhost:58938/api/products

GET http://localhost:58938/api/products

POST http://localhost:58938/api/pro... ●



No Environment

Comments (0)



Untitled Request

POST

http://localhost:58938/api/products

Send

Save

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

Cookies Code

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

Beautify

```
1 {  
2   "id": 4444444,  
3   "name": "Grilltjänsten",  
4   "description": "Få en personlig grillmaster hem till dig som fixar maten åt dig",  
5   "price": 1999  
6 }
```

5.

Body

Cookies Headers (4)

Test Results

Status: 200 OK Time: 115ms Size: 135 B

Save Response

Pretty

Raw

Preview

Visualize

Text



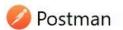
1

7.



Bootcamp





File Edit View Help

+ New

Import

Runner



My Workspace

Invite



Sign In

Filter

History

Collections

APIs

Save Responses

Clear all

▼ Today

GET http://localhost:58938/api/products

POST http://localhost:58938/api/products

GET http://localhost:58938/api/products

GET http://localhost:58938/api/products



No Environment

Send

Save

Body Cookies Headers (5) Test Results

Status: 200 OK Time: 32ms Date: 7/11/2023 Save Response

Pretty

Raw

Preview

Visualize

JSON



```
1 [  
2 {  
3     "id": 1006368,  
4     "name": "Austin and Barbeque AABQ Wifi Food Thermometer",  
5     "description": "Termometer med WiFi för en optimal innertemperatur",  
6     "price": 399  
7 },  
8 {  
9     "id": 1009334,  
10    "name": "Andersson Elektrisk Tändare ECL 1.1",  
11    "description": "Elektrisk stormsäker tändare helt utan gas och bränsle",  
12    "price": 89  
13 },  
14 {  
15     "id": 1002266,  
16     "name": "Weber Non-Stick Spray",  
17     "description": "BBQ-oljespray som motverkar att råvaror fastnar på gallret",  
18     "price": 99  
19 },  
20 {  
21     "id": 4444444,  
22     "name": "Grilltjänsten",  
23     "description": "Få en personlig grillmaster hem till dig som fixar maten åt dig",  
24     "price": 1999  
25 }]  
26 ]
```



Bootcamp



+ New

Import

Runner



My Workspace

Invite



Sign In

Filter

History

Collections

APIs

Save Responses

Clear all

▼ Today

PUT http://localhost:58938/api/products/44444444

GET http://localhost:58938/api/products

POST http://localhost:58938/api/products

GET http://localhost:58938/api/products

PUT http://localhost:58938/api/prod...



Untitled Request

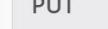
Comments (0)

PUT

http://localhost:58938/api/products/44444444

Send

Save



Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

Cookies

Code

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

Beautify

```
1 [ {  
2   "id": 4444444,  
3   "name": "The GrillMaster 2020",  
4   "description": "Få en personlig grillmaster hem till dig som fixar maten åt dig",  
5   "price": 2999  
6 } ]
```

Body

Cookies

Headers (4)

Test Results

Status: 200 OK

Time: 27ms

Size: 135 B

Save Response

Pretty

Raw

Preview

Visualize

Text

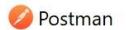


1



Bootcamp





File Edit View Help

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My Workspace

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Sign In

Filter

History

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Save Responses

Clear all

▼ Today

GET http://localhost:58938/api/products

PUT http://localhost:58938/api/products/4444444

GET http://localhost:58938/api/products

POST http://localhost:58938/api/products

GET http://localhost:58938/api/products

GET http://localhost:58938/api/products



No Environment

Send

Save

Body Cookies Headers (5) Test Results

Status: 200 OK Time: 0ms Date: 7/17/2021

Save Response

Pretty

Raw

Preview

Visualize

JSON



```
1  [
2   {
3     "id": 1006368,
4     "name": "Austin and Barbeque AABQ Wifi Food Thermometer",
5     "description": "Termometer med WiFi för en optimal innertemperatur",
6     "price": 399
7   },
8   {
9     "id": 1009334,
10    "name": "Andersson Elektrisk Tändare ECL 1.1",
11    "description": "Elektrisk stormäker tändare helt utan gas och bränsle",
12    "price": 89
13  },
14  {
15    "id": 1002266,
16    "name": "Weber Non-Stick Spray",
17    "description": "BBQ-oljespray som motverkar att råvaror fastnar på gallret",
18    "price": 99
19  },
20  {
21    "id": 4444444,
22    "name": "The GrillMaster 2020",
23    "description": "Få en personlig grillmaster hem till dig som fixar maten åt dig",
24    "price": 2999
25  }
26 ]
```



Bootcamp



Postman

File Edit View Help

New Import Runner + My Workspace Invite Sign In

Filter History Collections APIs Save Responses Clear all Today

DEL http://localhost:58938/api/prod... + ...

DELETE http://localhost:58938/api/products/4444444 Status: 200 OK Time: 29ms Size: 135 B Save Response

Body Cookies Headers (4) Test Results

Pretty Raw Preview Visualize Text

1

Send

No Environment

Bootcamp 22:45 ENG 2020-02-25 6

The screenshot shows the Postman application interface. On the left, the 'History' tab is selected, displaying a list of API requests made today. One specific request is highlighted: a 'DELETE' operation to the URL 'http://localhost:58938/api/products/4444444'. The main workspace on the right shows the details of this request. The method 'DELETE' is selected at the top, followed by the URL. Below the URL, the status bar indicates 'Status: 200 OK', 'Time: 29ms', and 'Size: 135 B'. A red circle highlights the 'Status: 200 OK' text. To the right of the URL, there is a 'Send' button, which is also circled in red. A red arrow points from the bottom right towards the 'Send' button. Another red arrow points from the bottom left towards the 'Status: 200 OK' text. The 'Body' tab is currently active, showing a single digit '1' in the preview area. At the bottom of the screen, the Windows taskbar is visible, showing icons for various applications like File Explorer, Edge, and VS Code, along with system status icons.



File Edit View Help

New

Import

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My Workspace

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Sign In

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Clear all

Today

GET http://localhost:58938/api/products

DEL http://localhost:58938/api/products/4444444

GET http://localhost:58938/api/products

PUT http://localhost:58938/api/products/4444444

GET http://localhost:58938/api/products

POST http://localhost:58938/api/products

GET http://localhost:58938/api/products

GET http://localhost:58938/api/products...



GET http://localhost:58938/api/products

Send

Save

No Environment

Status: 200 OK Time: 34ms Size: 607 B

Save Response

Body

Cookies

Headers (5)

Test Results

Pretty

Raw

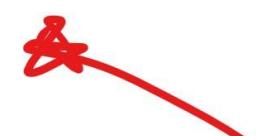
Preview

Visualize

JSON



```
1 [  
2 {  
3   "id": 1006368,  
4   "name": "Austin and Barbeque AABQ Wifi Food Thermometer",  
5   "description": "Termometer med WiFi för en optimal innertemperatur",  
6   "price": 399  
7 },  
8 {  
9   "id": 1009334,  
10  "name": "Andersson Elektrisk Tändare ECL 1.1",  
11  "description": "Elektrisk stormsjäker tändare helt utan gas och bränsle",  
12  "price": 89  
13 },  
14 {  
15  "id": 1002266,  
16  "name": "Weber Non-Stick Spray",  
17  "description": "BBQ-oljespray som motverkar att råvaror fastnar på gallret",  
18  "price": 99  
19 }]  
20
```



Bootcamp





File Edit View Help

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Import

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My Workspace

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Sign In

Filter

History

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Save Responses

Clear all

Today

GET http://localhost:58938/api/products/1002266

GET http://localhost:58938/api/products

DEL http://localhost:58938/api/products/4444444

GET http://localhost:58938/api/products

PUT http://localhost:58938/api/products/4444444

GET http://localhost:58938/api/products

POST http://localhost:58938/api/products

GET http://localhost:58938/api/products

GET http://localhost:58938/api/prod...



GET

http://localhost:58938/api/products/1002266

Send

Save

Status: 200 OK Time: 25ms Size: 315 B

Save Response

Body

Cookies

Headers (5)

Test Results

Pretty

Raw

Preview

Visualize

JSON



```
1  {
2      "id": 1002266,
3      "name": "Weber Non-Stick Spray",
4      "description": "BBQ-oljespray som motverkar att r\u00e4varor fastnar p\u00e5 gallret",
5      "price": 99
6 }
```



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