

POSTMAN TESTING

JWT AUTHENTICATION & ORDER API

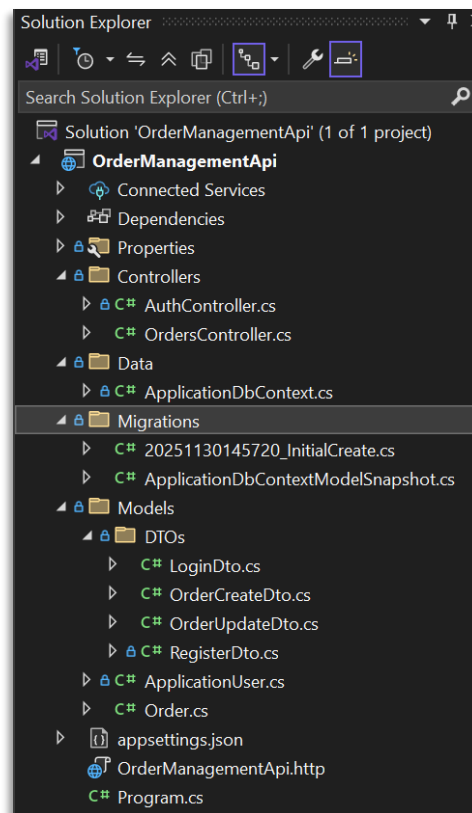
(Screenshots of the outputs)

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1.PROJECT STRUCTURE

1.1) Solution Explorer



1.2) tree /f

```
Developer PowerShell
S C:\Users\anilk\Documents\Yashika\CHUBB\Weekly Assignment\Weekly assignment 3\OrderManagementApi> tree /f
Folder PATH listing for volume SYSTEM
Volume serial number is 8C0D-C2DE
.
  appsettings.Development.json
  appsettings.json
  OrderManagementApi.csproj
  OrderManagementApi.csproj.user
  OrderManagementApi.http
  OrderManagementApi.sln
  Program.cs
  bin
  Debug
    net9.0
      appsettings.Development.json
      appsettings.json
      Azure.Core.dll
      Azure.Identity.dll
      Humanizer.dll
      Microsoft.AspNetCore.Authentication.JwtBearer.dll
      Microsoft.AspNetCore.Cryptography.Internal.dll
      Microsoft.AspNetCore.Cryptography.KeyDerivation.dll
      Microsoft.AspNetCore.Identity.EntityFrameworkCore.dll
      Microsoft.Bcl.AsyncInterfaces.dll
      Microsoft.Build.Locator.dll
      Microsoft.CodeAnalysis.CSharp.dll
      Microsoft.CodeAnalysis.CSharp.Workspaces.dll
      Microsoft.CodeAnalysis.dll
      Microsoft.CodeAnalysis.Workspaces.dll
      Microsoft.CodeAnalysis.Workspaces.MSBuild.BuildHost.dll
      Microsoft.CodeAnalysis.Workspaces.MSBuild.dll
      Microsoft.Data.SqlClient.dll
      Microsoft.EntityFrameworkCore.Abstractions.dll
      Microsoft.EntityFrameworkCore.Design.dll
      Microsoft.EntityFrameworkCore.dll
      Microsoft.EntityFrameworkCore.Relational.dll
      Microsoft.EntityFrameworkCore.SqlServer.dll
      Microsoft.Extensions.Caching.Abstractions.dll
```

1.

```
Microsoft.Extensions.Caching.Abstractions.dll
Microsoft.Extensions.Caching.Memory.dll
Microsoft.Extensions.Configuration.Abstractions.dll
Microsoft.Extensions.DependencyInjection.Abstractions.dll
Microsoft.Extensions.DependencyInjection.dll
Microsoft.Extensions.DependencyModel.dll
Microsoft.Extensions.Identity.Core.dll
Microsoft.Extensions.Identity.Stores.dll
Microsoft.Extensions.Logging.Abstractions.dll
Microsoft.Extensions.Logging.dll
Microsoft.Extensions.Options.dll
Microsoft.Extensions.Primitives.dll
Microsoft.Identity.Client.dll
Microsoft.Identity.Client.Extensions.Msal.dll
Microsoft.IdentityModel.Abstractions.dll
Microsoft.IdentityModel.JsonWebTokens.dll
Microsoft.IdentityModel.Logging.dll
Microsoft.IdentityModel.Protocols.dll
Microsoft.IdentityModel.Protocols.OpenIdConnect.dll
Microsoft.IdentityModel.Tokens.dll
Microsoft.OpenApi.dll
Microsoft.SqlServer.Server.dll
Microsoft.Win32.SystemEvents.dll
Mono.TextTemplating.dll
OrderManagementApi.deps.json
OrderManagementApi.dll
OrderManagementApi.exe
OrderManagementApi.pdb
OrderManagementApi.runtimeconfig.json
OrderManagementApi.staticwebassets.endpoints.json
Swashbuckle.AspNetCore.Swagger.dll
Swashbuckle.AspNetCore.SwaggerGen.dll
Swashbuckle.AspNetCore.SwaggerUI.dll
System.ClientModel.dll
System.CodeDom.dll
System.Composition.AttributedModel.dll
System.Composition.Convention.dll
System.Composition.Hosting.dll
System.Composition.Runtime.dll
System.Composition.TypePartners.dll
```

2.

```
System.Runtime.Caching.dll
System.Security.Cryptography.ProtectedData.dll
System.Security.Permissions.dll
System.Text.Json.dll
System.Windows.Extensions.dll

cs
  Microsoft.CodeAnalysis.CSharp.resources.dll
  Microsoft.CodeAnalysis.CSharp.Workspaces.resources.dll
  Microsoft.CodeAnalysis.resources.dll
  Microsoft.CodeAnalysis.Workspaces.MSBuild.BuildHost.resources.dll
  Microsoft.CodeAnalysis.Workspaces.resources.dll

de
  Microsoft.CodeAnalysis.CSharp.resources.dll
  Microsoft.CodeAnalysis.CSharp.Workspaces.resources.dll
  Microsoft.CodeAnalysis.resources.dll
  Microsoft.CodeAnalysis.Workspaces.MSBuild.BuildHost.resources.dll
  Microsoft.CodeAnalysis.Workspaces.resources.dll

es
  Microsoft.CodeAnalysis.CSharp.resources.dll
  Microsoft.CodeAnalysis.CSharp.Workspaces.resources.dll
  Microsoft.CodeAnalysis.resources.dll
  Microsoft.CodeAnalysis.Workspaces.MSBuild.BuildHost.resources.dll
  Microsoft.CodeAnalysis.Workspaces.resources.dll

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  Microsoft.CodeAnalysis.CSharp.resources.dll
  Microsoft.CodeAnalysis.CSharp.Workspaces.resources.dll
  Microsoft.CodeAnalysis.resources.dll
  Microsoft.CodeAnalysis.Workspaces.MSBuild.BuildHost.resources.dll
  Microsoft.CodeAnalysis.Workspaces.resources.dll

it
  Microsoft.CodeAnalysis.CSharp.resources.dll
  Microsoft.CodeAnalysis.CSharp.Workspaces.resources.dll
  Microsoft.CodeAnalysis.resources.dll
  Microsoft.CodeAnalysis.Workspaces.MSBuild.BuildHost.resources.dll
  Microsoft.CodeAnalysis.Workspaces.resources.dll
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ja
  Microsoft.CodeAnalysis.CSharp.resources.dll
  Microsoft.CodeAnalysis.CSharp.Workspaces.resources.dll
  Microsoft.CodeAnalysis.resources.dll
  Microsoft.CodeAnalysis.Workspaces.MSBuild.BuildHost.resources.dll
  Microsoft.CodeAnalysis.Workspaces.resources.dll

ko
  Microsoft.CodeAnalysis.CSharp.resources.dll
  Microsoft.CodeAnalysis.CSharp.Workspaces.resources.dll
  Microsoft.CodeAnalysis.resources.dll
  Microsoft.CodeAnalysis.Workspaces.MSBuild.BuildHost.resources.dll
  Microsoft.CodeAnalysis.Workspaces.resources.dll

pl
  Microsoft.CodeAnalysis.CSharp.resources.dll
  Microsoft.CodeAnalysis.CSharp.Workspaces.resources.dll
  Microsoft.CodeAnalysis.resources.dll
  Microsoft.CodeAnalysis.Workspaces.MSBuild.BuildHost.resources.dll
  Microsoft.CodeAnalysis.Workspaces.resources.dll

pt-BR
  Microsoft.CodeAnalysis.CSharp.resources.dll
  Microsoft.CodeAnalysis.CSharp.Workspaces.resources.dll
  Microsoft.CodeAnalysis.resources.dll
  Microsoft.CodeAnalysis.Workspaces.MSBuild.BuildHost.resources.dll
  Microsoft.CodeAnalysis.Workspaces.resources.dll

ru
  Microsoft.CodeAnalysis.CSharp.resources.dll
  Microsoft.CodeAnalysis.CSharp.Workspaces.resources.dll
  Microsoft.CodeAnalysis.resources.dll
  Microsoft.CodeAnalysis.Workspaces.MSBuild.BuildHost.resources.dll
  Microsoft.CodeAnalysis.Workspaces.resources.dll
```

4

```

  runtimes
    unix
      lib
        net6.0
          Microsoft.Data.SqlClient.dll
          System.Drawing.Common.dll
    win
      lib
        net6.0
          Microsoft.Data.SqlClient.dll
          Microsoft.Win32.SystemEvents.dll
          System.Drawing.Common.dll
          System.Runtime.Caching.dll
          System.Security.Cryptography.ProtectedData.dll
          System.Windows.Extensions.dll
    win-arm
      native
        Microsoft.Data.SqlClient.SNI.dll
    win-arm64
      native
        Microsoft.Data.SqlClient.SNI.dll
    win-x64
      native
        Microsoft.Data.SqlClient.SNI.dll
    win-x86
      native
        Microsoft.Data.SqlClient.SNI.dll
  tr
    Microsoft.CodeAnalysis.CSharp.resources.dll
    Microsoft.CodeAnalysis.CSharp.Workspaces.resources.dll
    Microsoft.CodeAnalysis.resources.dll
    Microsoft.CodeAnalysis.Workspaces.MSBuild.BuildHost.resources.dll
    Microsoft.CodeAnalysis.Workspaces.resources.dll
```

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```

  zh-Hans
    Microsoft.CodeAnalysis.CSharp.resources.dll
    Microsoft.CodeAnalysis.CSharp.Workspaces.resources.dll
    Microsoft.CodeAnalysis.resources.dll
    Microsoft.CodeAnalysis.Workspaces.MSBuild.BuildHost.resources.dll
    Microsoft.CodeAnalysis.Workspaces.resources.dll
  zh-Hant
    Microsoft.CodeAnalysis.CSharp.resources.dll
    Microsoft.CodeAnalysis.CSharp.Workspaces.resources.dll
    Microsoft.CodeAnalysis.resources.dll
    Microsoft.CodeAnalysis.Workspaces.MSBuild.BuildHost.resources.dll
    Microsoft.CodeAnalysis.Workspaces.resources.dll

Controllers
  AuthController.cs
  OrdersController.cs

Data
  ApplicationDbContext.cs

Migrations
  20251130145720_InitialCreate.cs
  20251130145720_InitialCreate.Designer.cs
  ApplicationDbContextModelSnapshot.cs

Models
  ApplicationUser.cs
  Order.cs

DTOs
  LoginDto.cs
  OrderCreateDto.cs
  OrderUpdateDto.cs
  RegisterDto.cs
```

6

```
obj
  OrderManagementApi.csproj.EntityFrameworkCore.targets
  OrderManagementApi.csproj.nuget.dgspec.json
  OrderManagementApi.csproj.nuget.g.props
  OrderManagementApi.csproj.nuget.g.targets
  project.assets.json
  project.nuget.cache

Debug
  net9.0
    .NETCoreApp,Version=v9.0.AssemblyAttributes.cs
    ApiEndpoints.json
    apphost.exe
    OrderMan.9A9FD717.Up2Date
    OrderManagementApi.AssemblyInfo.cs
    OrderManagementApi.AssemblyInfoInputs.cache
    OrderManagementApi.assets.cache
    OrderManagementApi.csproj.AssemblyReference.cache
    OrderManagementApi.csproj.BuildWithSkipAnalyzers
    OrderManagementApi.csproj.CoreCompileInputs.cache
    OrderManagementApi.csproj.FileListAbsolute.txt
    OrderManagementApi.dll
    OrderManagementApi.GeneratedMSBuildEditorConfig.editorconfig
    OrderManagementApi.genruntimeconfig.cache
    OrderManagementApi.GlobalUsings.g.cs
    OrderManagementApi.MvcApplicationPartsAssemblyInfo.cache
    OrderManagementApi.MvcApplicationPartsAssemblyInfo.cs
    OrderManagementApi.pdb
    rjsmcshml.dswa.cache.json
    rjsmamazon.dswa.cache.json
    rjswa.dswa.cache.json
    staticwebassets.build.endpoints.json
    staticwebassets.build.json
    staticwebassets.build.json.cache
    staticwebassets.references.upToDateCheck.txt
    staticwebassets.removed.txt
```

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```
staticwebassets.removed.txt

EndpointInfo
  OrderManagementApi.json
  OrderManagementApi.OpenApiFiles.cache

ref
  OrderManagementApi.dll

refint
  OrderManagementApi.dll

staticwebassets

Properties
  launchSettings.json
```

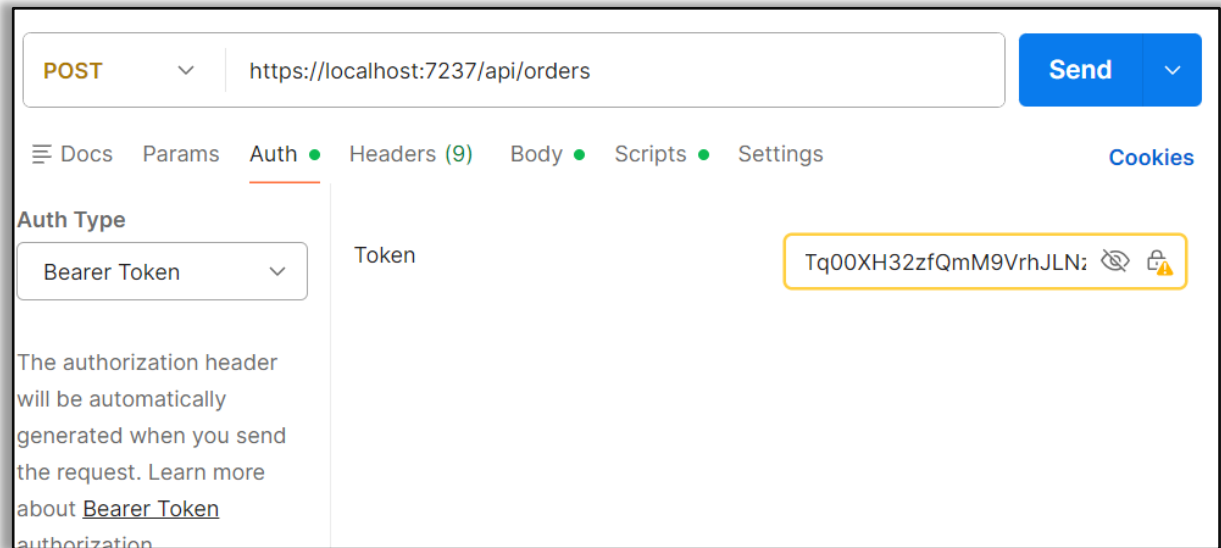
8

The screenshot shows the Postman interface for a REST client. At the top, the method is set to POST and the URL is https://localhost:7237/api/auth/register. The 'Body' tab is selected, showing a raw JSON request body: { "email": "Yashika21@example.com", "password": "Pass@123" }. The response is 200 OK, with a status bar indicating 732 ms and 190 B. The response body is a JSON object: { "message": "User registered successfully" }. The 'Send' button is visible in the top right corner.

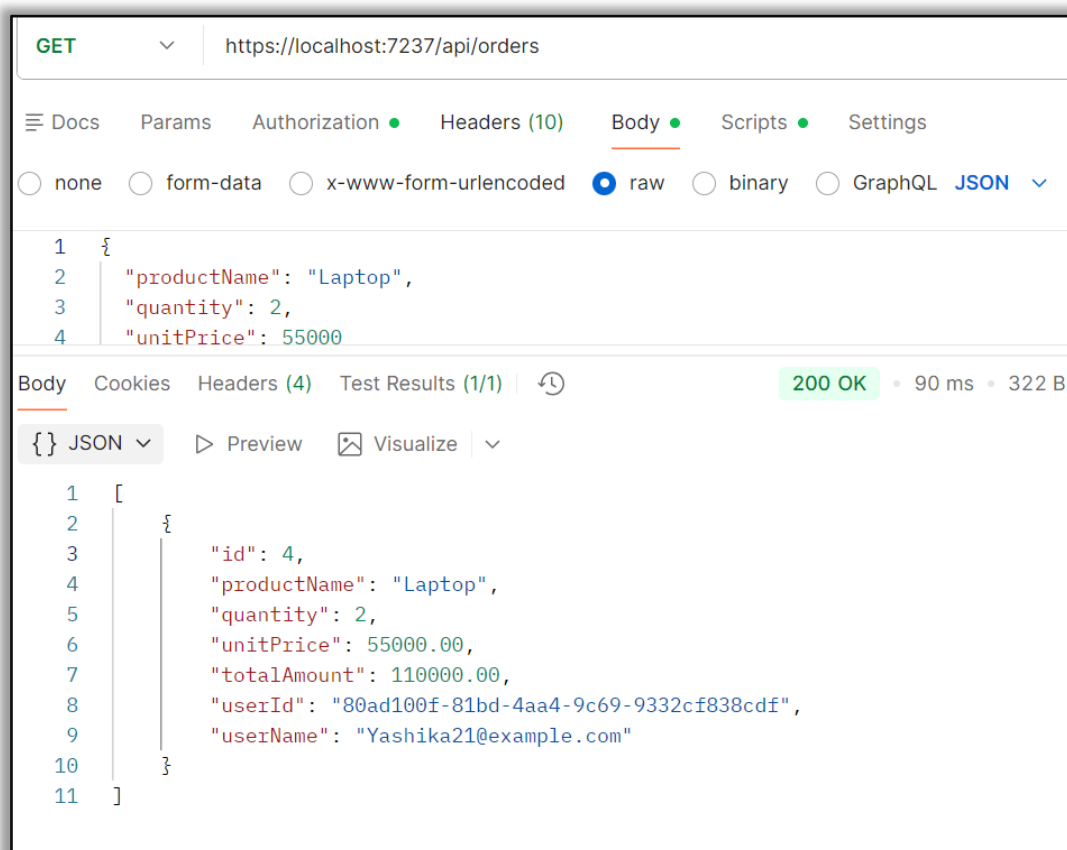
3. Login – Retrieving JWT Token (Postman)

[illegible]

- In Postman, open the **Authorization** -> **Bearer Token**.

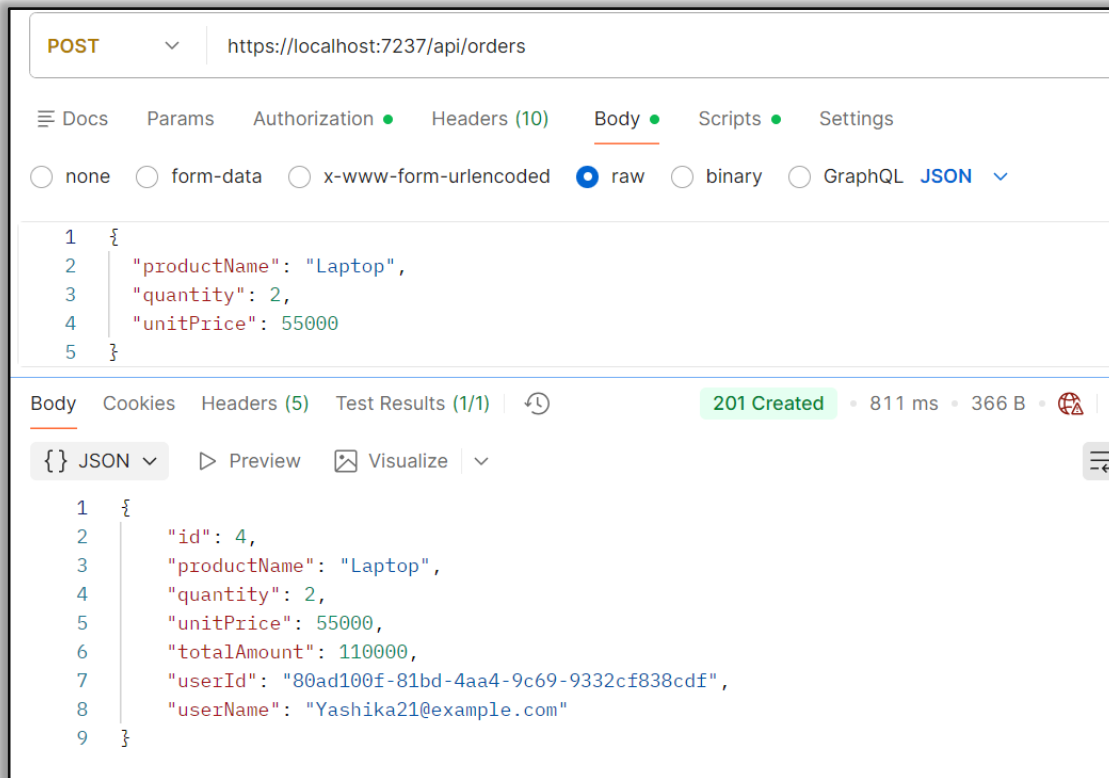


B) Create Order (POST)

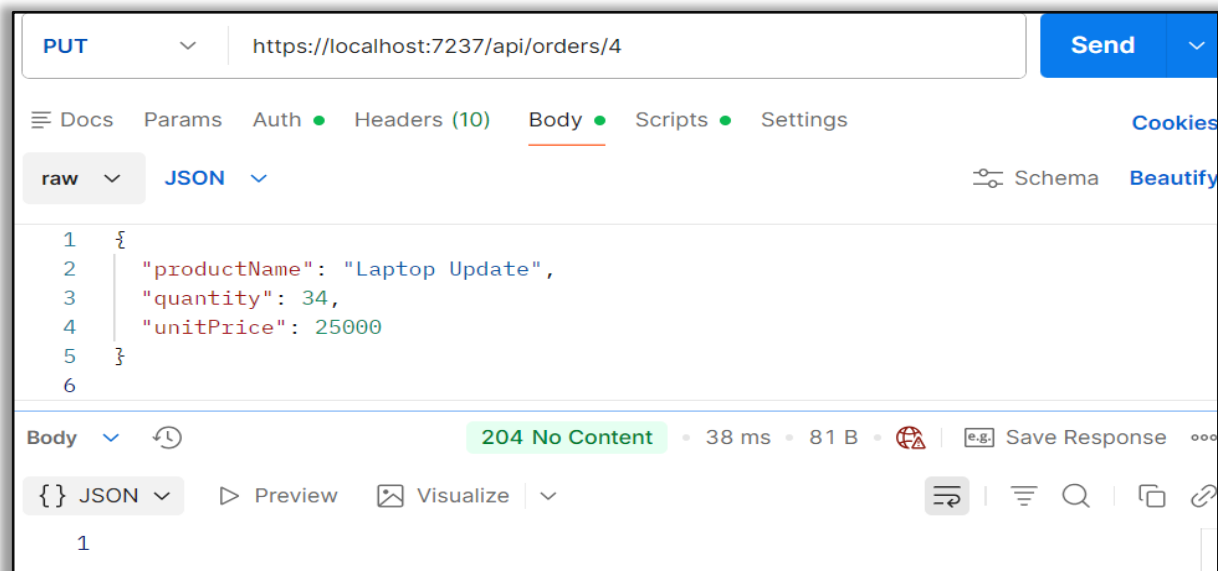


C) Read Orders (GET) :

C.1-READ (GET ALL ORDERS)

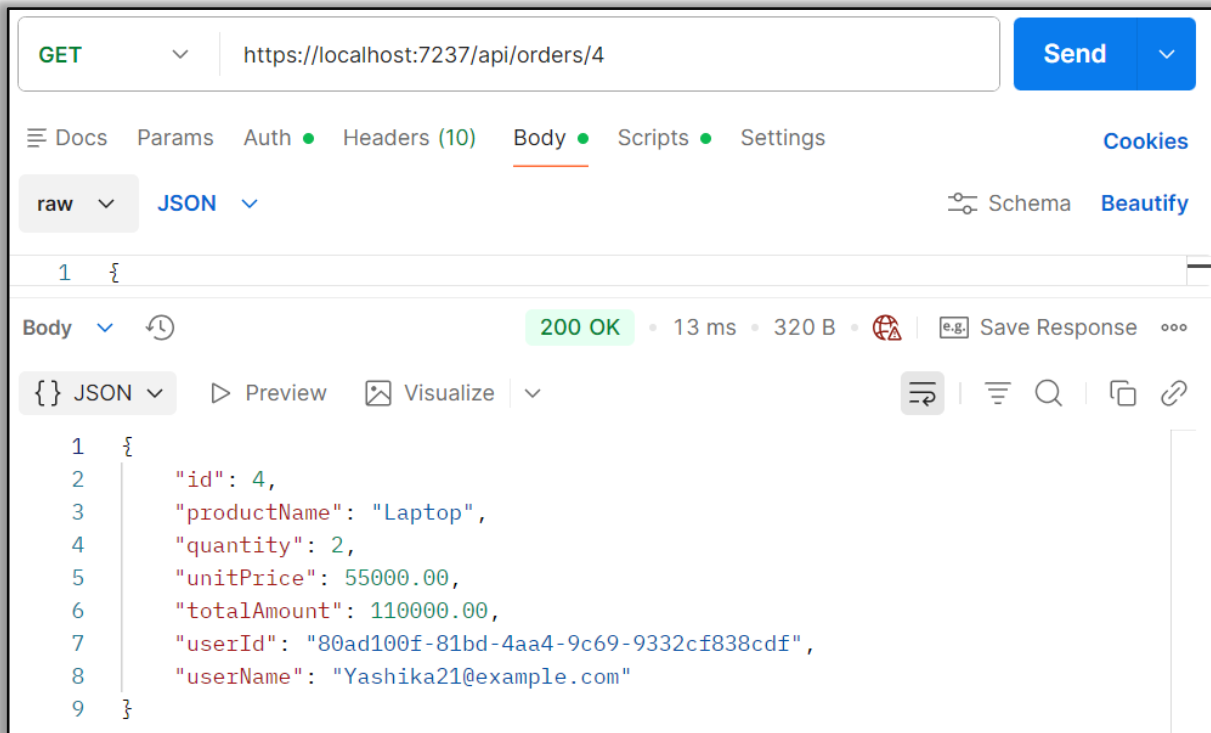


C.2- READ (GET SINGLE ORDER)



D) Update Order (PUT)

Modify an existing order's details while auth



E) Delete Order (DELETE)

