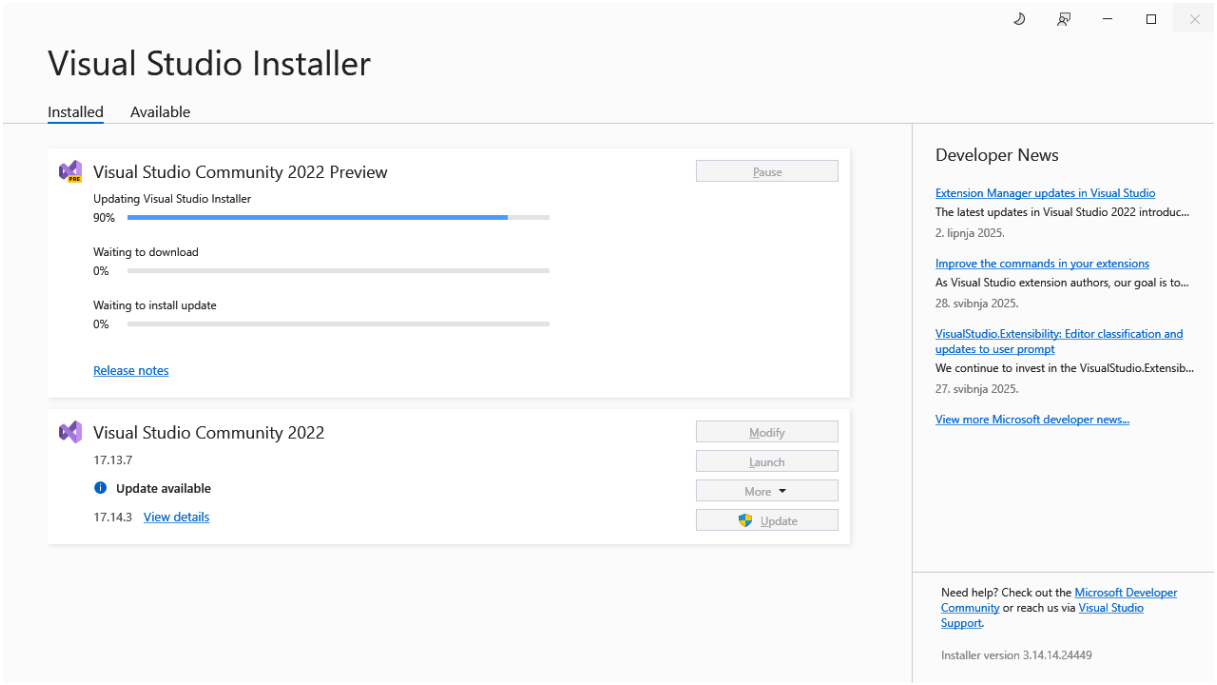
Po potrebi prvo napravite UPDATE MS Visual studio. Pokrenemo program Visual Studio Installer. Ja sam zadnji puta napravio 03. lipnja 2025. i napravio upgrade Visual Studio 2022 Preview na verziju 17.14.3 Preview 1.0 (.NET 9).

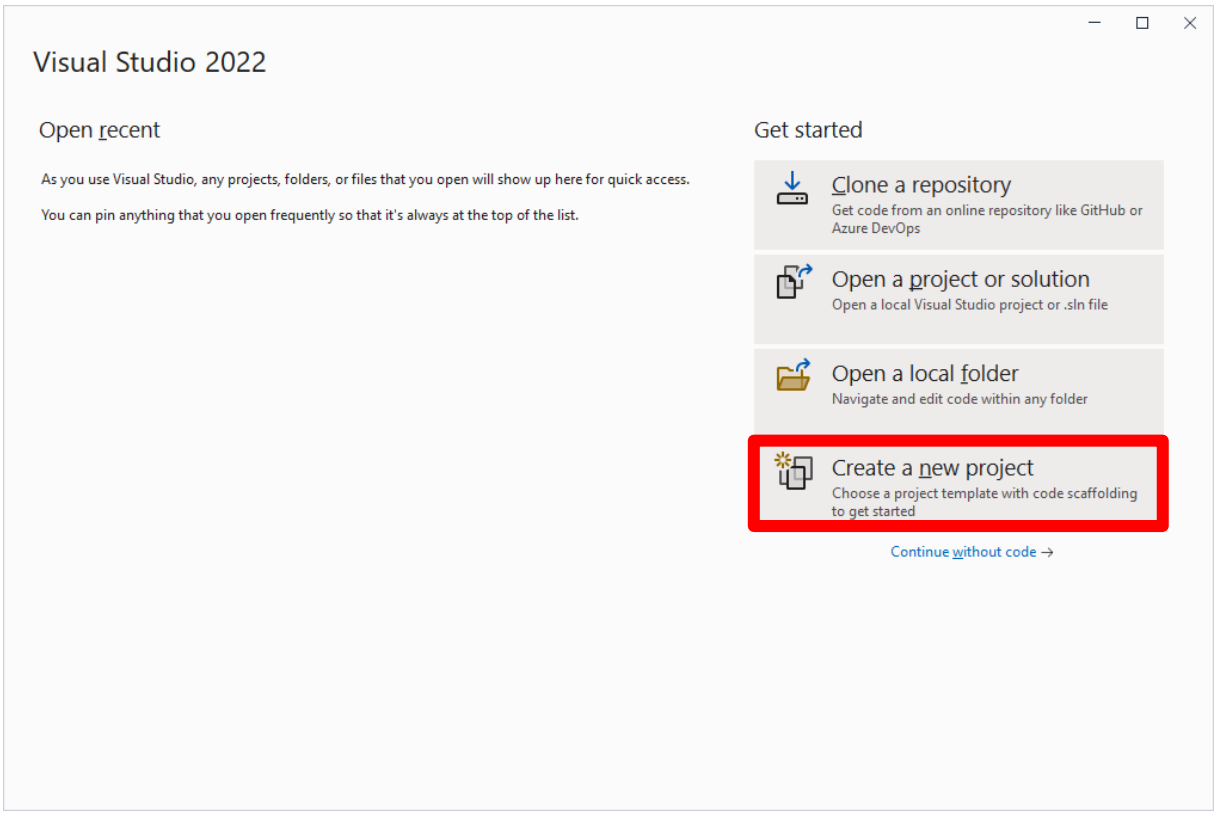


Možda će trebati restart, pa ako traži napravite restart računala!

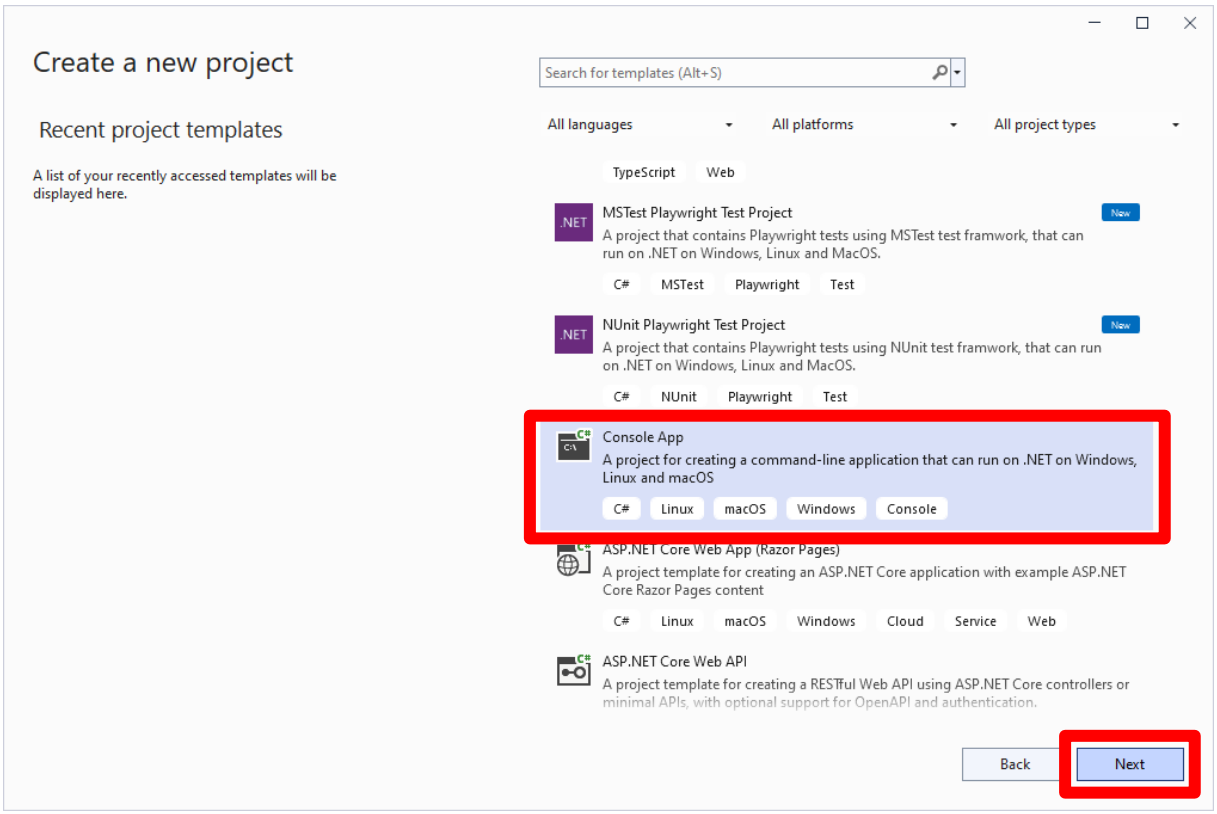
BACKEND

Raditi ćemo paralelno na dva projekta(Project): **Ucenje** i **WebAPI** u sklopu rješenja (Solution) .

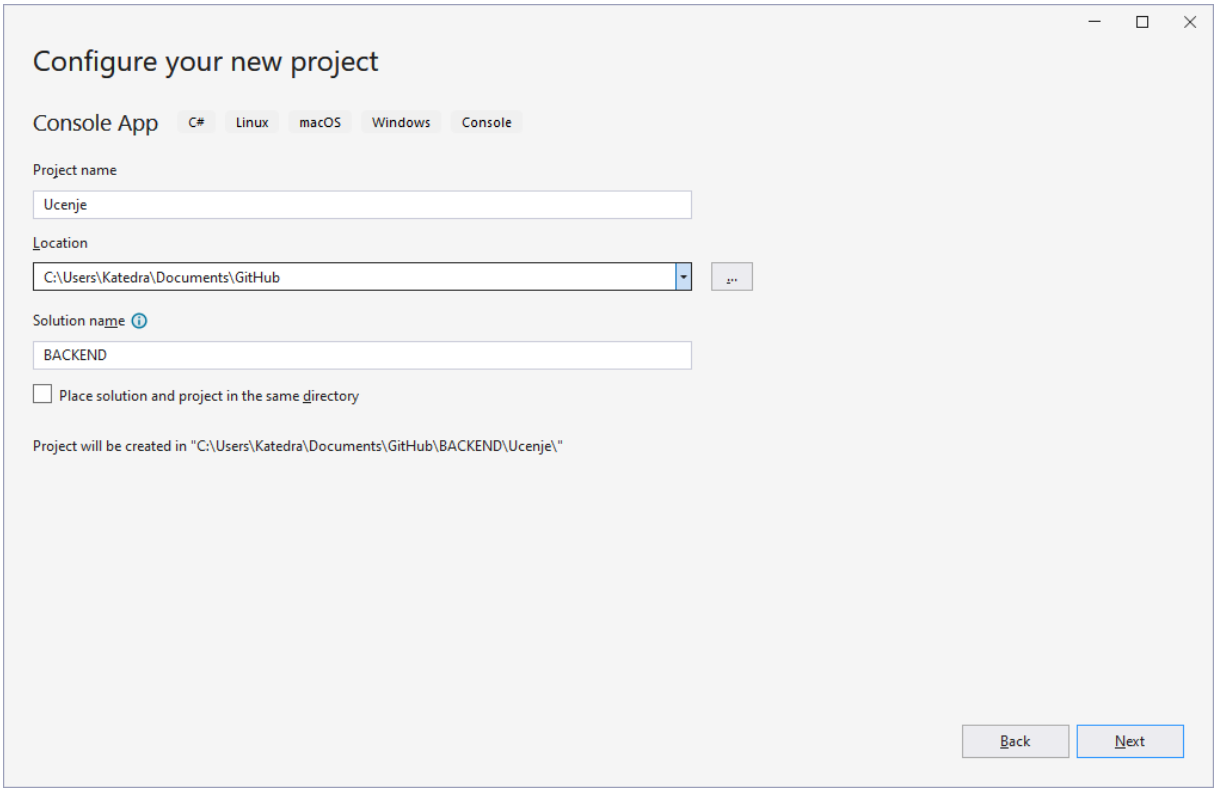
Prvo odaberemo Create a new project.



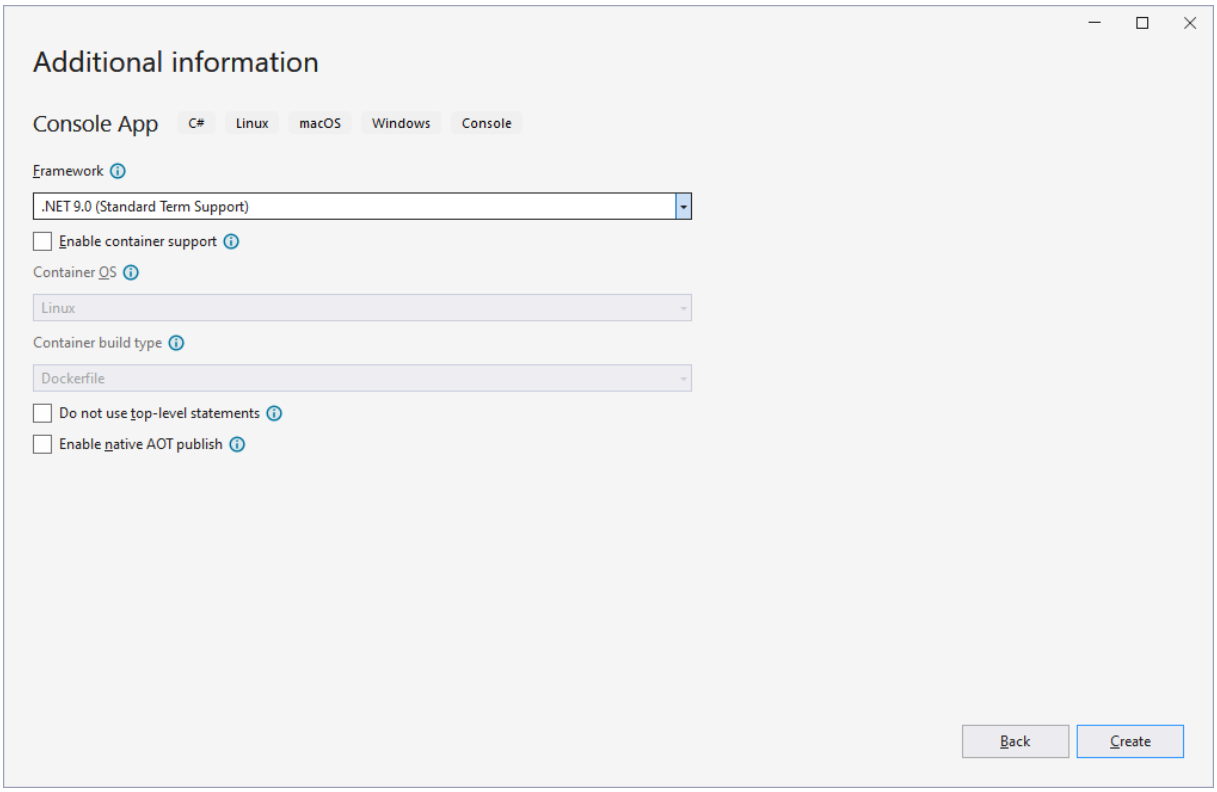
Zatim odaberemo Console App i odaberemo Next



Projekt nazovemo **Ucenje**, postavimo ga na lokaciju **BACKEND** (direktorij koji smo kreirali u našem git repozitoriju – pokraj direktorija SQL) te postavimo ime rješenja **BACKEND** (Checkbox Place solution and projekt into sam directory **JE OTKAČEN**) te odaberemo Next.

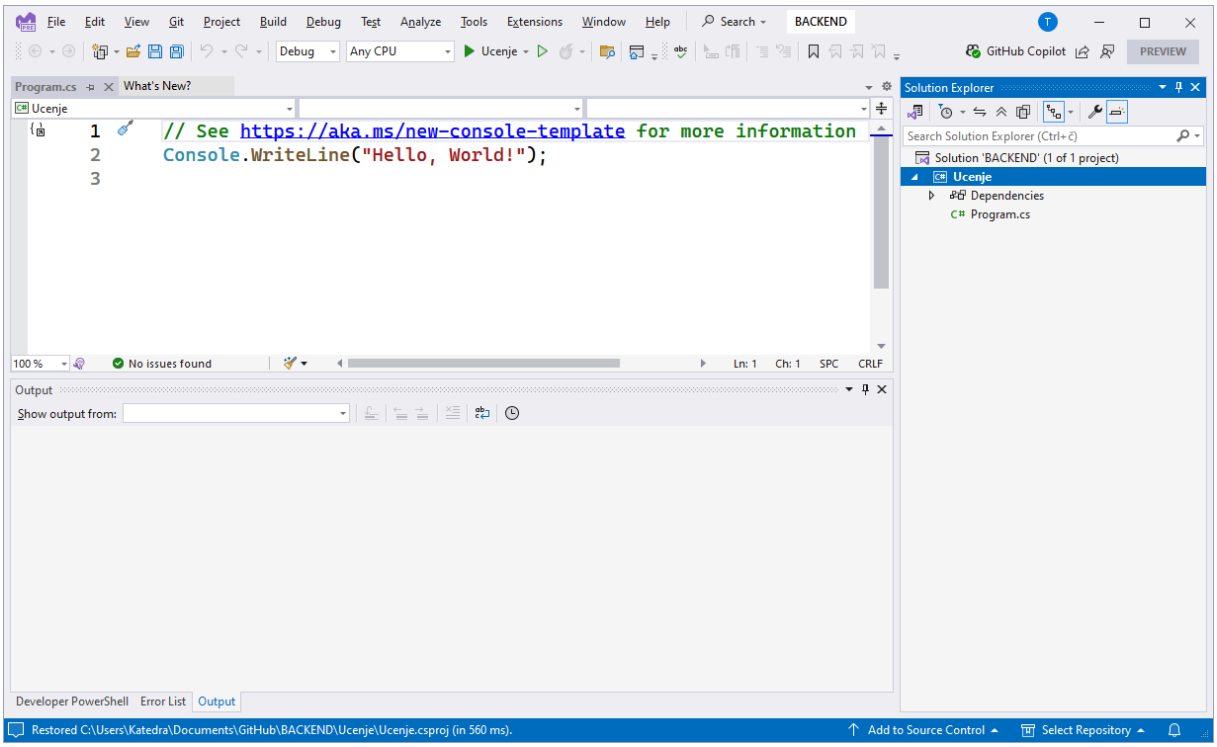


Odaberemo radnu okolinu (Framework) 9.0

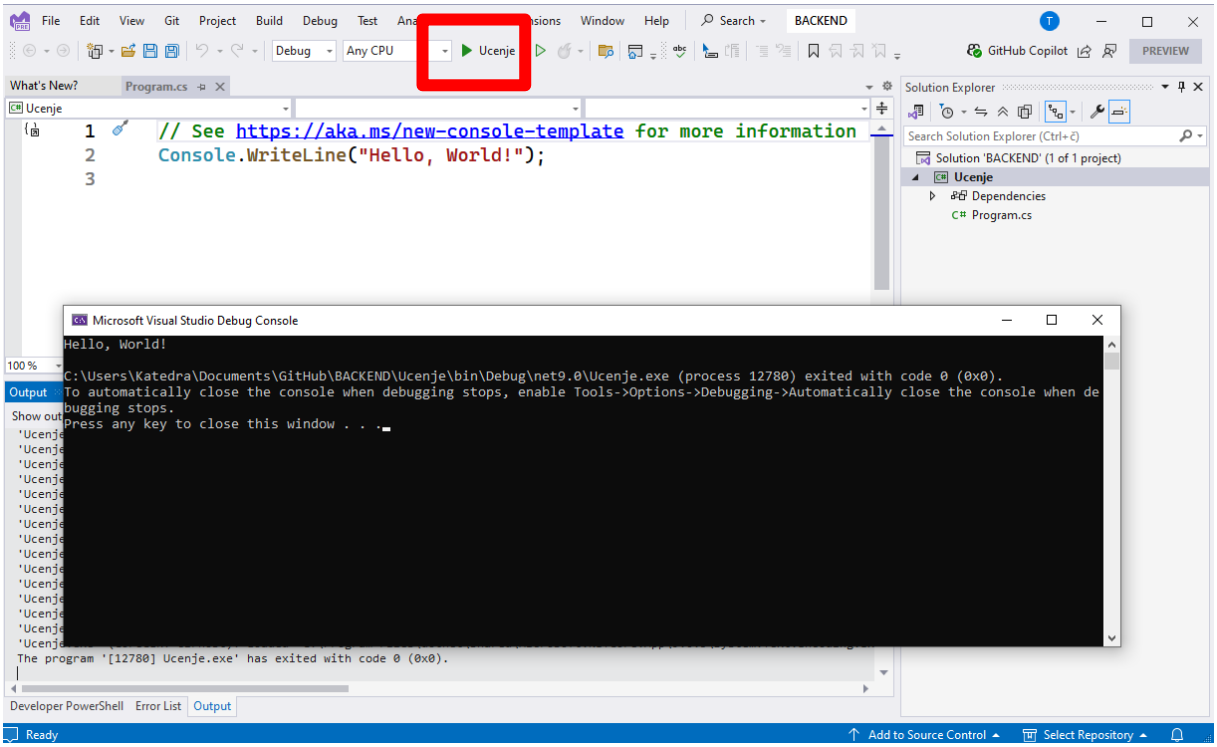


Isto tako **NE OZNAČIMO** Checkbox Do not use top-level statements i Enable… te odaberemo Create.

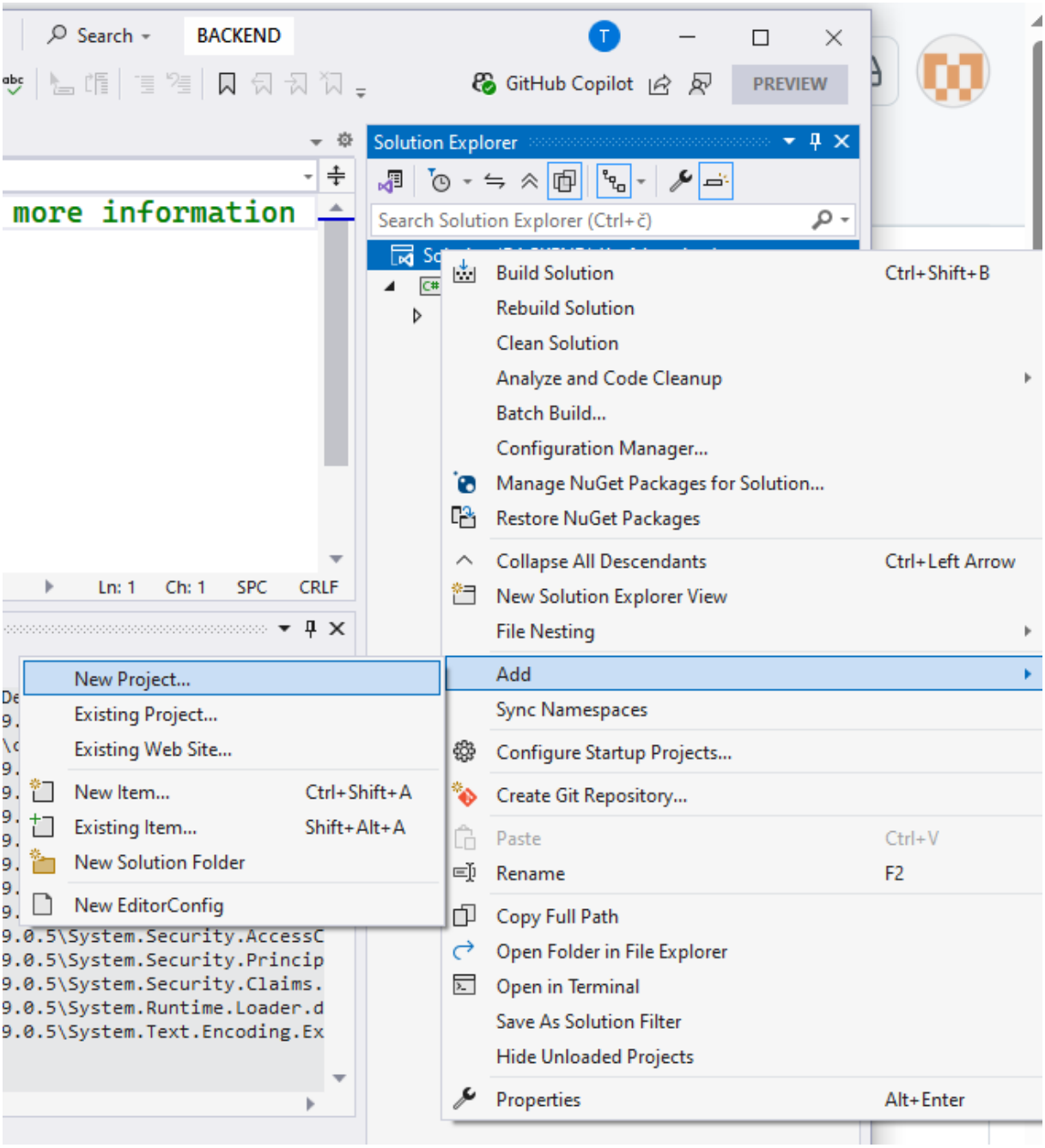
Ovo je naš Konzolni (za učenje) Hello, world program.



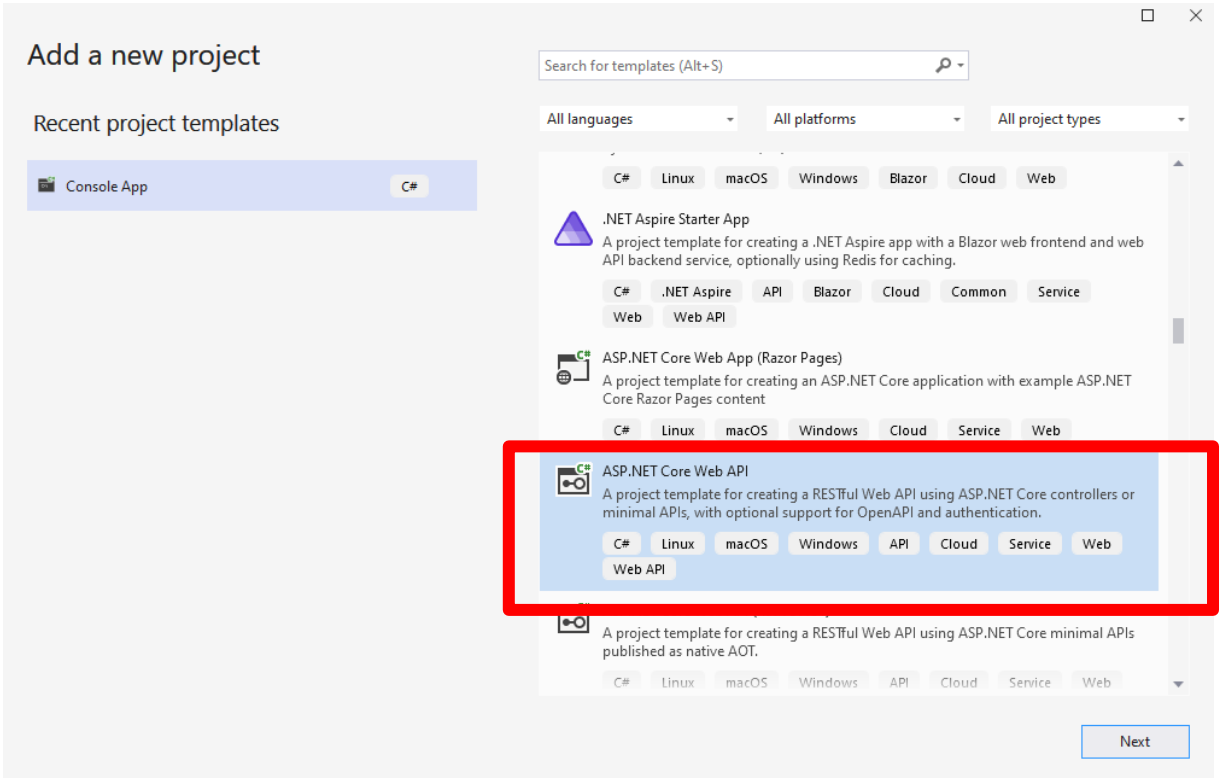
Program pokrećemo s klikom na zelenu PLAY ikonu te rezultat izvođenja programa bude vidljiv u CMD prozoru koji se otvori po uspješnom kreiranju (Build) izvršne datoteke. Pritiskom na bilo koju tipku u tom CMD prozoru, prozor se zatvara.



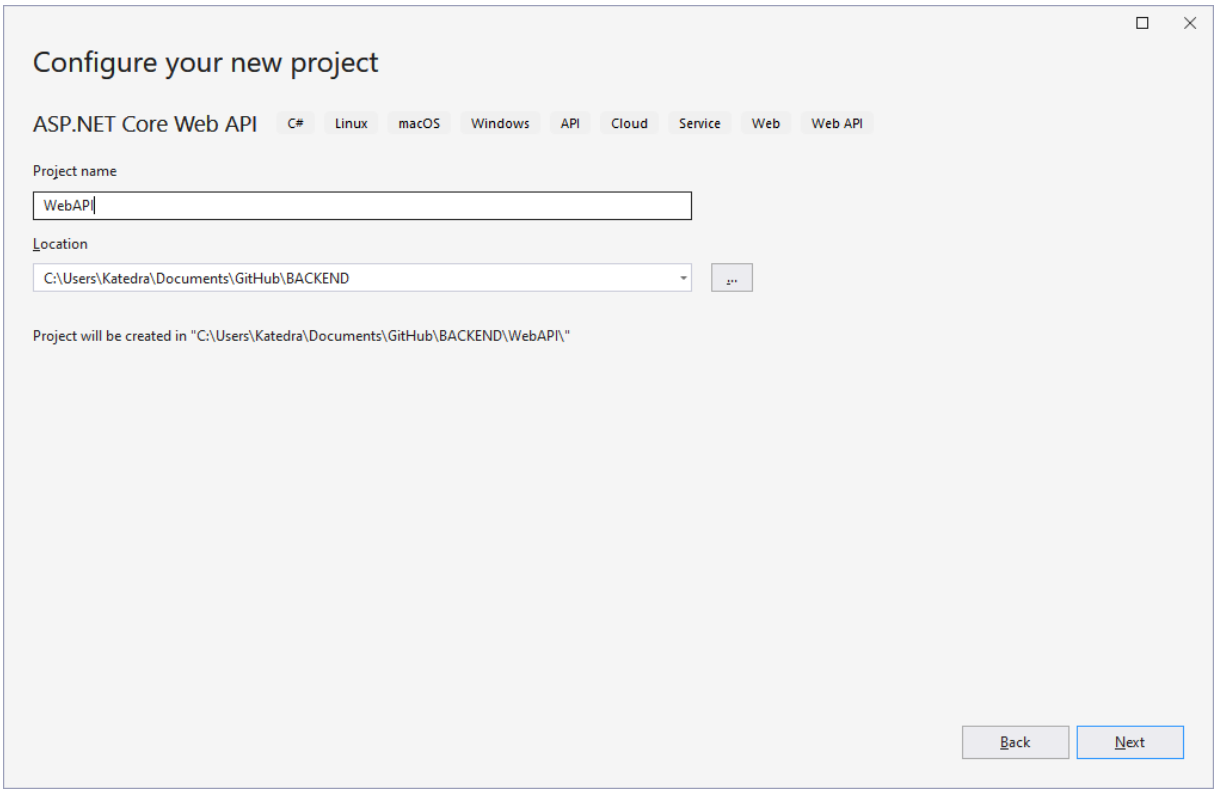
Desni klik miša na Solution Ucenje u dijelu Solution explorer (desni gornji dio zaslona) idemo na Add pa na New Project… kako bi kreirali i ASP .NET Core Web API projekt.



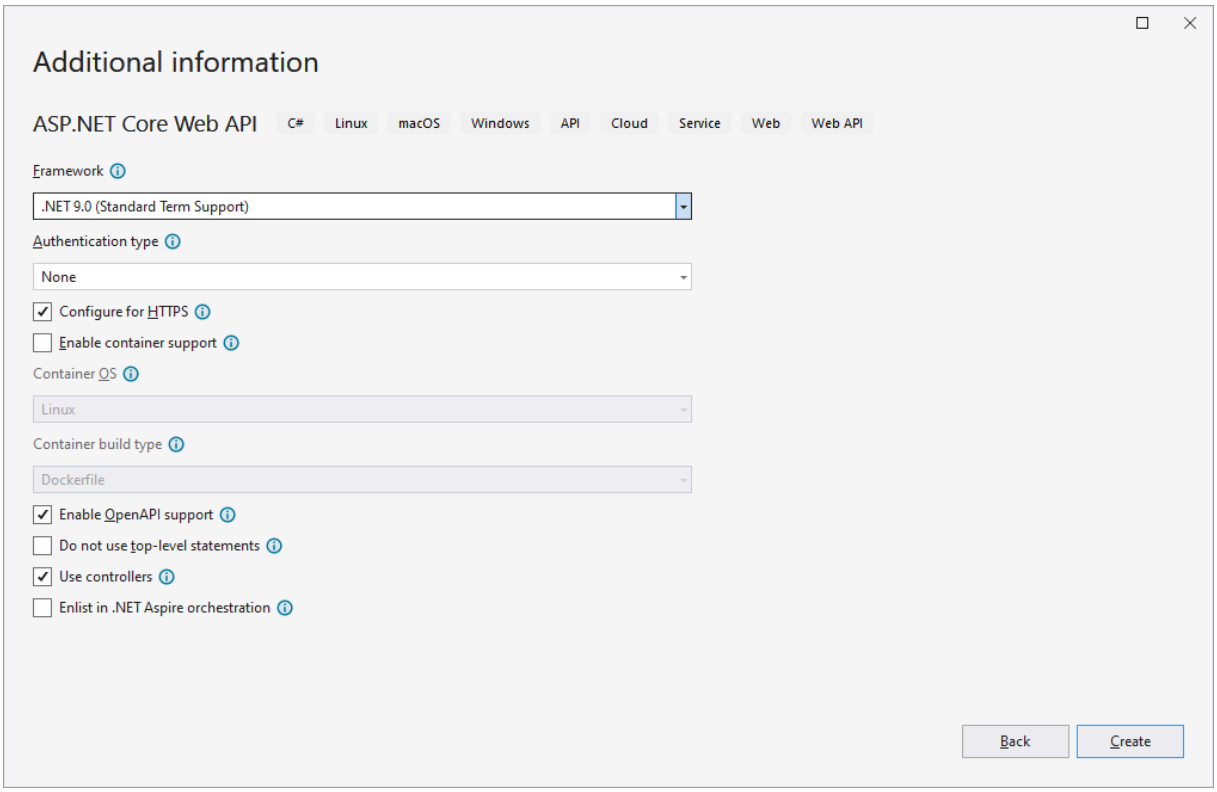
U predlošcima pronađemo ASP .NET Core Web API te odaberemo Next



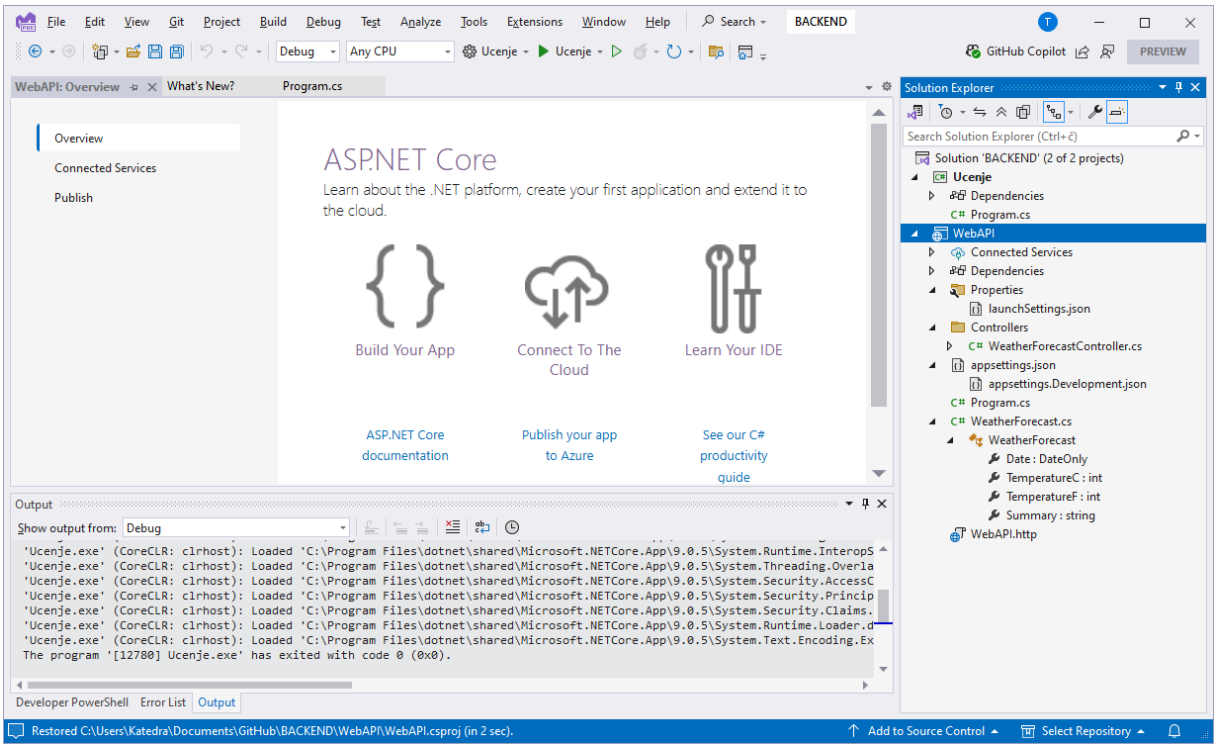
Projekt nazovemo WebAPI te pstavimo lokaciju kako stoji jer je to drugi projekt u istom rješenju i odaberemo Next.



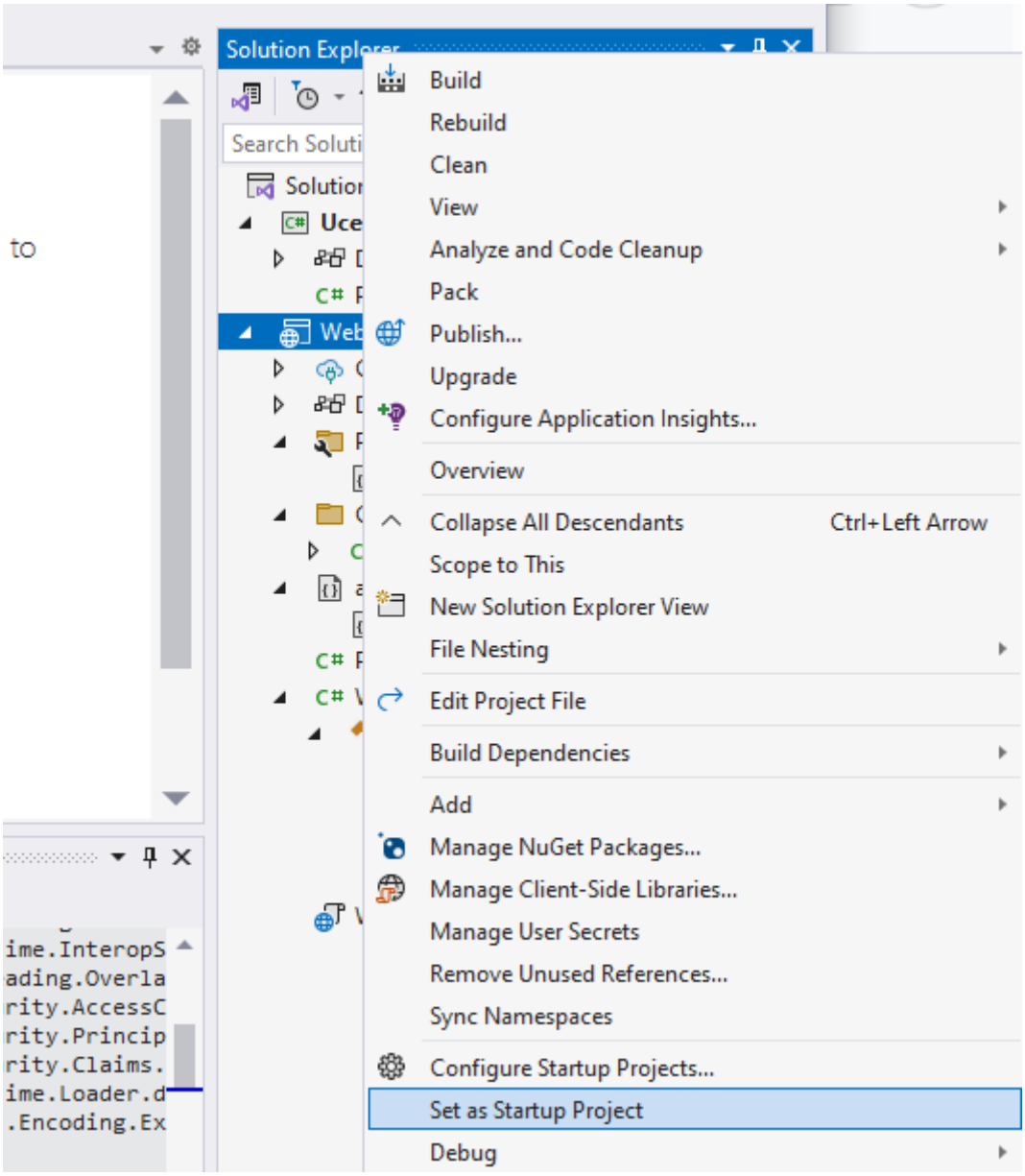
Opcije ostavio kako je prikazano te odaberemo Create



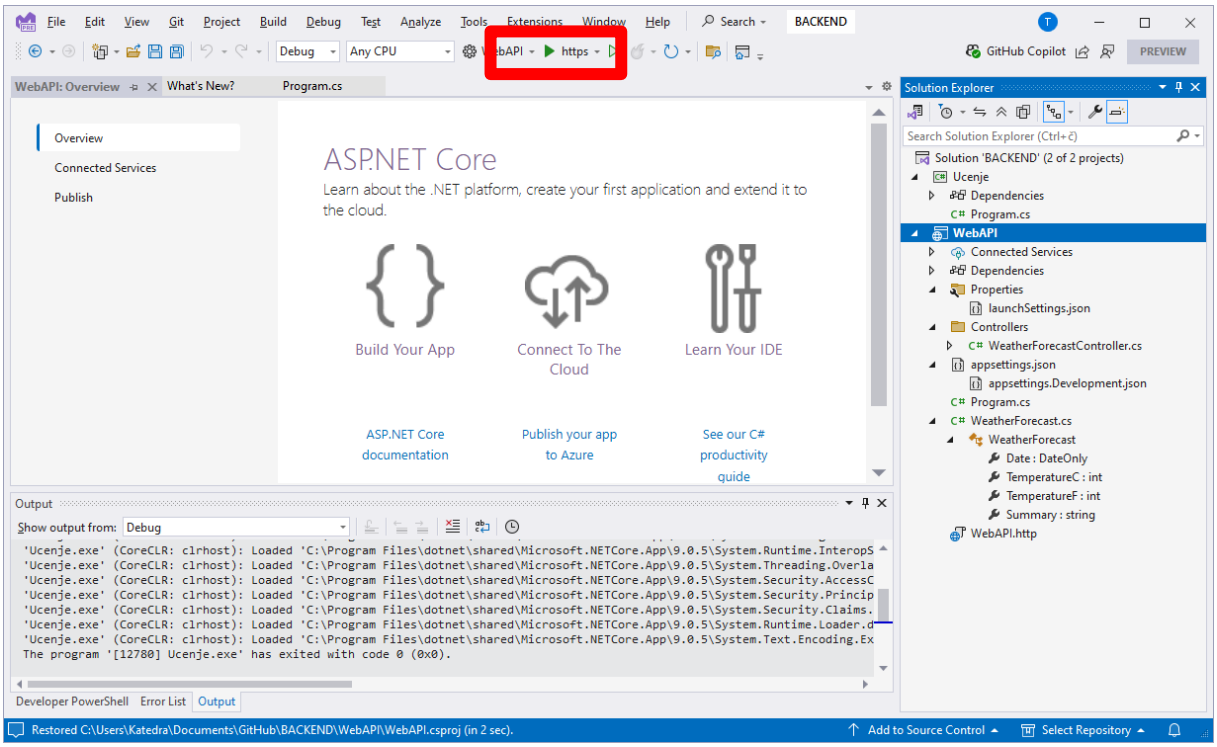
Ovaj drugi projekt je po strukturi puno kompleksniji ali to nas za sada ne zanima – ta kompleksnost je predmet učenja.



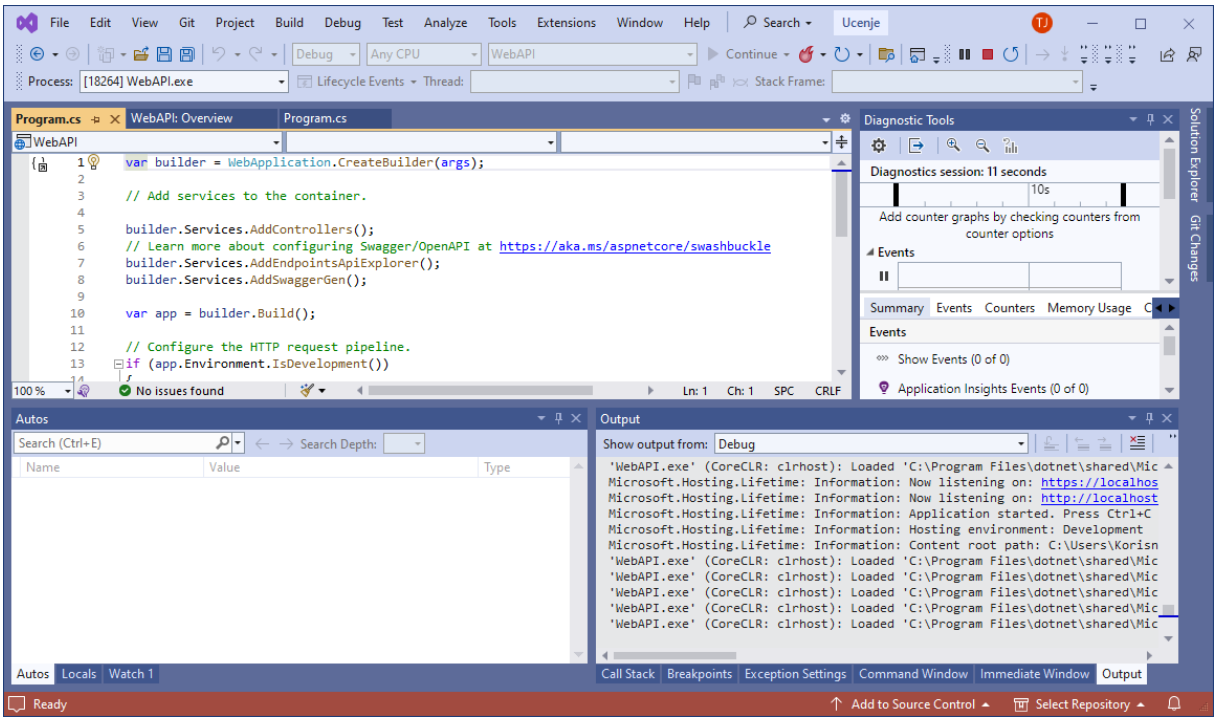
Kako sada u rješenju imamo dva projekta pokretanje je ostalo na projektu UcenjeCS. Da bi omogućili pokretanje WebAPI projekta moramo ga postaviti kao Start Up projet. Stoga radimo desni klik na naziv projekta i odaberemo Set as Startup Project



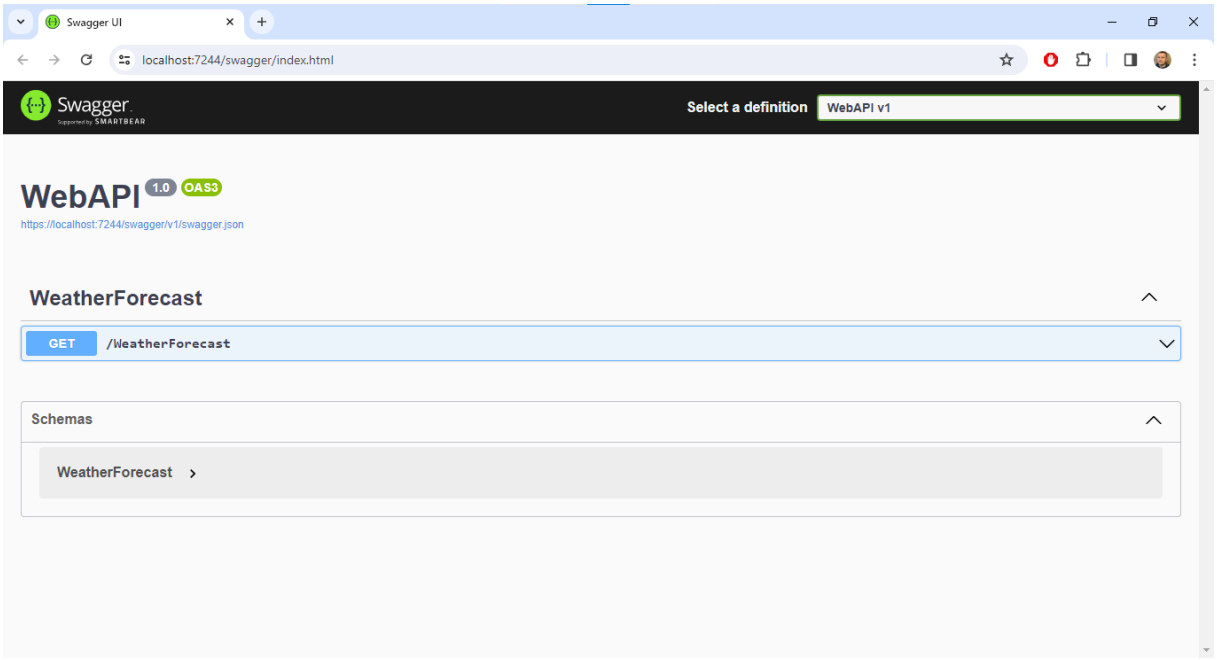
Sada možemo ponovo na zelenu PLAY ikonu pokrenuti projekt WebAPI.



Sada dobivamo drugačije pokretanje u odnosu Console aplikaciju (UcenjeCS) jer će se sada priliko pokretanja podići i web server.

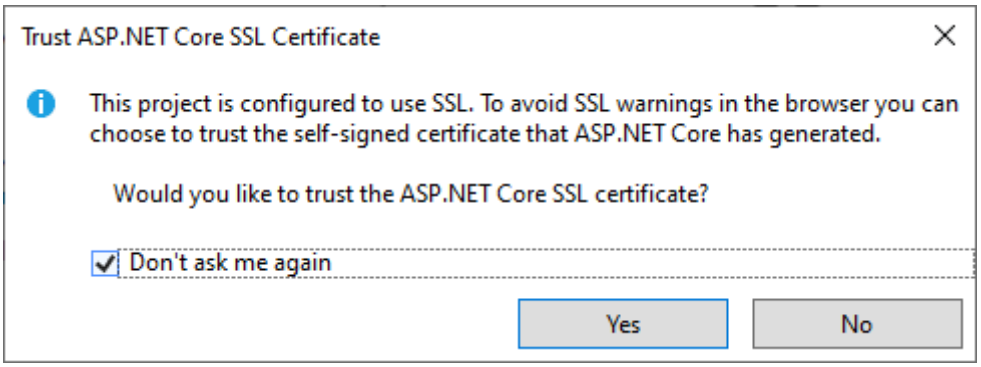


Te će se pokrenuti preglednik (Chrome ili Edge) s prikazom Swagger sučelja.



Na git-u će biti dodaci koje je potrebno odraditi da bi se javio swagger sučelje

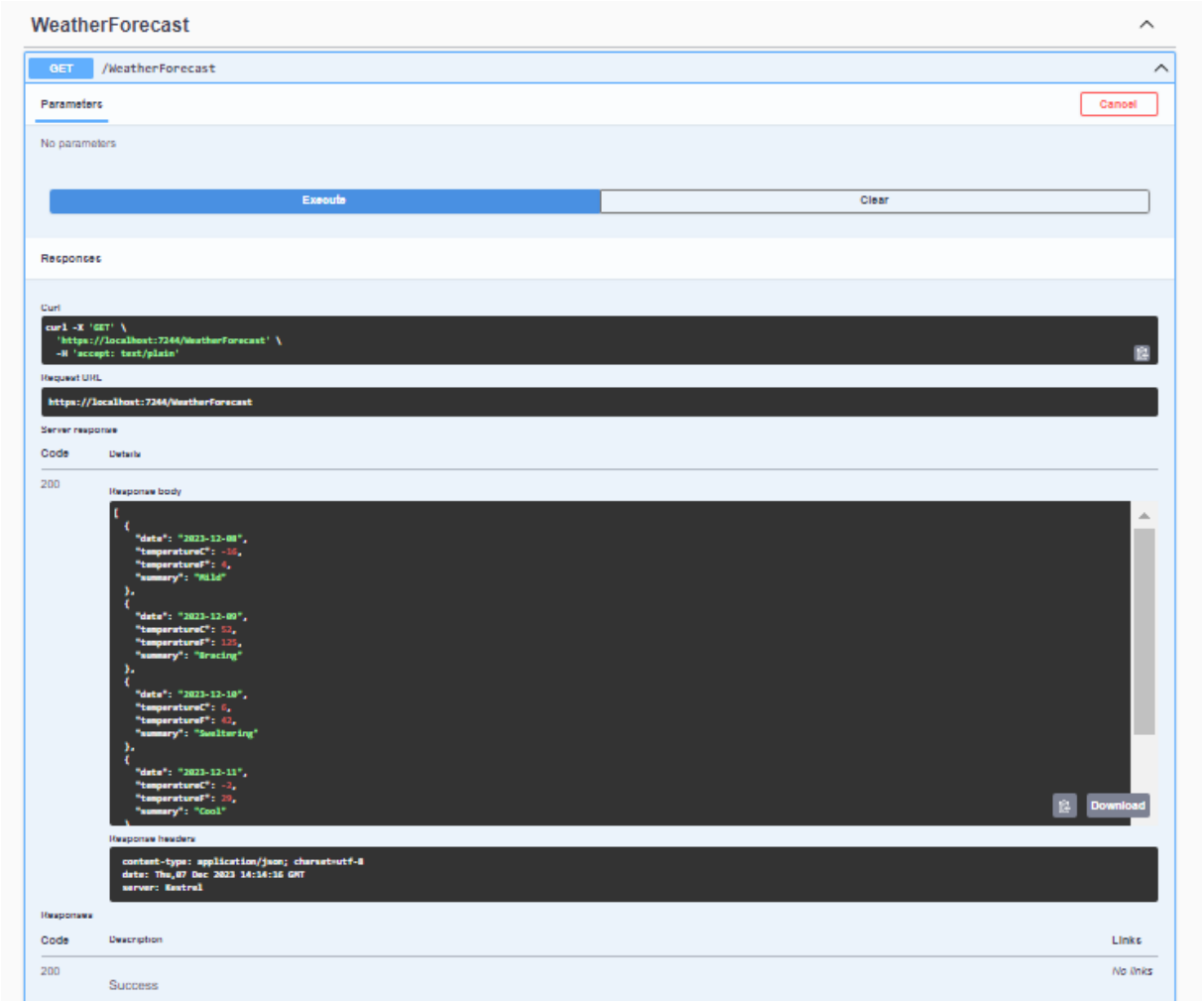
Ukoliko nas pita želimo li vjerovati SSL certifikatu, pritisnemo Yes



I Yes na instalaciji certifikata

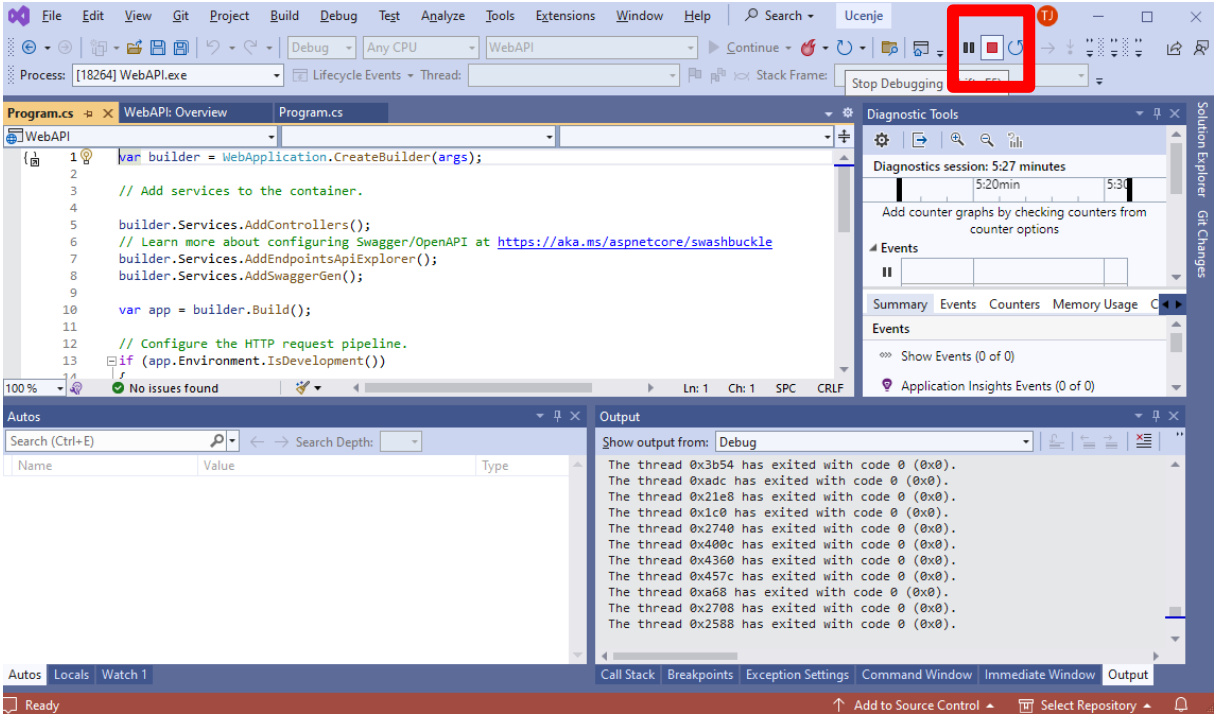

Security Warning
You are about to install a certificate from a certification authority (CA) claiming to represent:
localhost
Windows cannot validate that the certificate is actually from "localhost". You should confirm its origin by contacting "localhost". The following number will assist you in this process:
Thumbprint (sha1): 896CE493 C37BE4B3 DF4B9594 9ED2725C 28104E60
Warning:
If you install this root certificate, Windows will automatically trust any certificate issued by this CA. Installing a certificate with an unconfirmed thumbprint is a security risk. If you click "Yes" you acknowledge this risk.
Do you want to install this certificate?
Yes
No

Swagger je alat koji nam omogućuje vizualni pregled i korištenje dostupnih ruta. Kliknemo na GET /EatherForecast te klik na opciju Try it out (gore desno) pa Execute i dobijemo rezultat izvođenja te rute.



Ovo su nam polazišne točke.

WebAPI projekt se zaustavlja pomoću crvene stop ikone.



Happy coding!