# Blazor 8

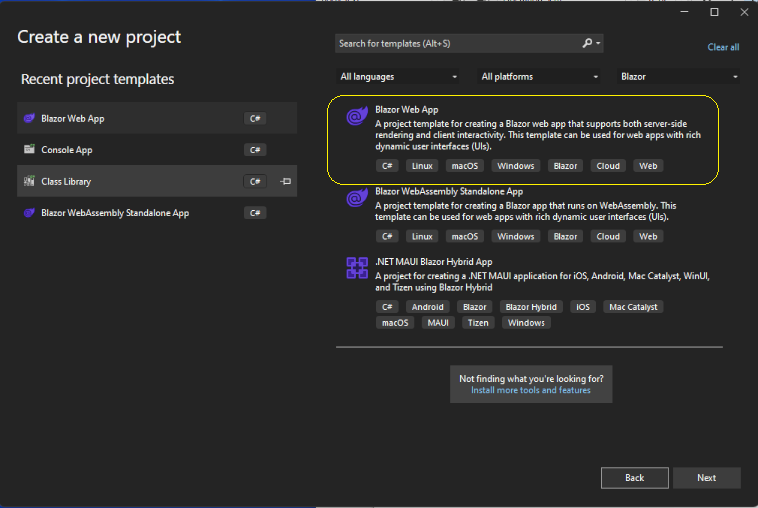
This course differs from the others in that it is designed for the Windows 11 operating system. Microsoft has provided a great description of ASP.NET Core and it is very difficult to say anything new. Here I will describe the creation of a WEB site, providing only links to the original [documentation](https://learn.microsoft.com/en-us/aspnet/core/blazor/?view=aspnetcore-8.0).

You will need:

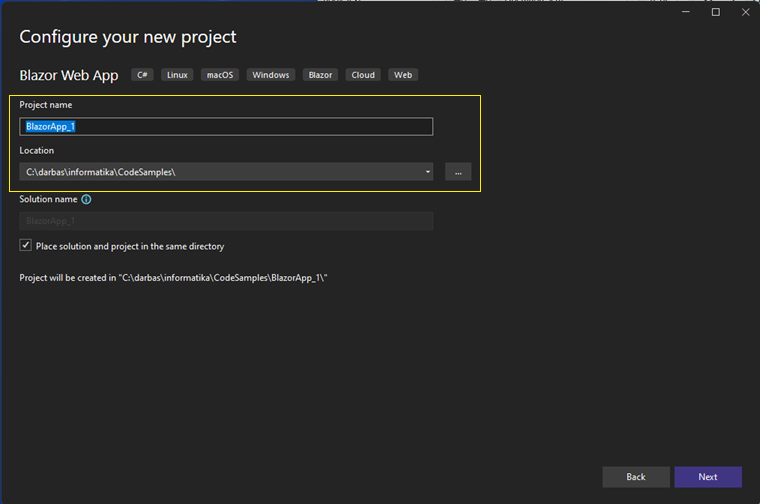
1. a computer with the Windows 11 operating system installed,
2. Visual Studio; I am using Microsoft Visual Studio Community edition v4.8.09032; you can use the newer free or commercial version; download it fom Microsoft [site](https://visualstudio.microsoft.com/downloads/),
3. Tools for work with local database; I shall explain WEB programming with MS SQL Server; you can use MySQL, PostgreSQL, SQL Server or SQLite; the database itself can be packed inside a Docker container.
4. [NorthWind](https://en.wikiversity.org/wiki/Database_Examples/Northwind) database; you would install MS SQL server and NortWind variant adapted for this server.

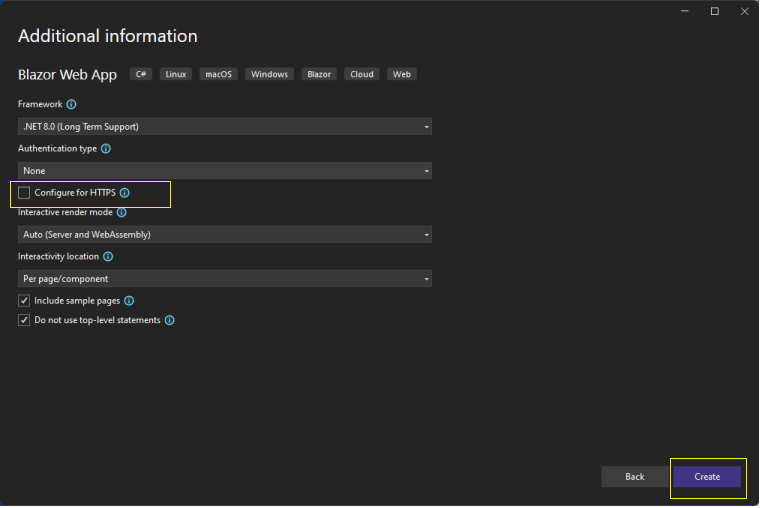
## Creating new application

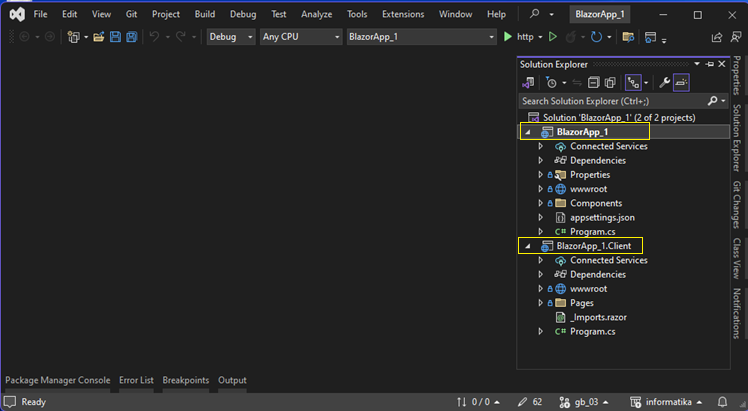
After launching Visual Studio, select "Create a new project". In the next dialog, select “Blazor Web App”:



Select project name and location on next screen:

Check off „Configure for HTTPS“ and click on „Create“ in the last screen:

Don’t worry about security: you will be enable it before the deployment. You will see two projects after a short pause:

Check that you have done everything correctly, .NET and Visual Studio versions if your project differs from this picture. Your .NET version should be at least 8.0.200 and Visual Studio - 17.9.2 or higher.