## **Homework**

### ****Task 1. Deploy profiles****

Create 2 deploy profiles for your application:

* For deploy on IIS
* For Deploy in Azure App Service and SQL Azure

**Materials:**

* [Visual Studio publish profiles for ASP.NET Core app deployment](https://docs.microsoft.com/en-us/aspnet/core/host-and-deploy/visual-studio-publish-profiles)
* [Host ASP.NET Core on Windows with IIS](https://docs.microsoft.com/en-us/aspnet/core/host-and-deploy/iis)
* [Host ASP.NET Core on Azure App Service](https://docs.microsoft.com/en-us/aspnet/core/host-and-deploy/azure-apps/)

### ****Task 2. Run on non-Windows platforms****

Install and configure your application on Linux machine (you can use physical or virtual machine in any variant: local, in EPAM Cloud, in Azure, etc)

SQL Server can be located on another Windows machine

**Materials:**

* [Host ASP.NET Core on Linux with Nginx](https://docs.microsoft.com/en-us/aspnet/core/host-and-deploy/linux-nginx)
* [Host ASP.NET Core on Linux with Apache](https://docs.microsoft.com/en-us/aspnet/core/host-and-deploy/linux-apache)

### ****Task 3. Compile improvements****

Add to compile pipeline follow steps:

* Bundling and minification all .css and js files in project
* Precompilation of views

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**Materials:**

* [Razor view compilation and precompilation in ASP.NET Core](https://docs.microsoft.com/en-us/aspnet/core/mvc/views/view-compilation)
* [Bundle and minifiy static assets in ASP.NET Core](https://docs.microsoft.com/en-us/aspnet/core/client-side/bundling-and-minification)