# Exercises: Control Flow

Problems for exercises and homework for the [“C# MVC Frameworks - ASP.NET” course @ SoftUni](https://softuni.bg/trainings/1537/csharp-mvc-frameworks-asp-net-march-2017).

## Error Handling

In the Learning System Application make sure you handle all errors that might occur somewhere in the application. Make sure the user gets appropriate messages and should not be able to see any type of exception types or stack traces.

## User Information

Create a handler that on given route shows to the user details about the browser he is using and his IP address.

## RSS Feed

In the Learning System Application create a RSS feed with the latest 5 published articles from the blog.

## Logger Module

Create custom Logger Module. That should be able to log information for each request such as:

* Time of incoming of the request
* Time of returning a response
* Timespan for processing the request
* Route of the request

Keep the logs in a file or in a database. Create the module in a such way that can be easily used in other projects as well.

## \*QR Code Generator

Create web application that generate QR code by providing

* **Text** to be encoded in the QR code
* **Width** of the QR code
* **Height** of the QR code

These parameters can be passed in either GET or POST request.

## \*Certificate QR Codes

In the Learning System in each certificate add a QR code encoding the link to the profile of the student. The profile page of each student should contain list of all successfully taken courses and the grades for each course.