



FMI-PLOVDIV

Web Dynamic Applications

Course Introduction

Nikolay Chochev
Technical Trainers

FMI-Plovdiv

<http://fmi-plovdiv.org>

```
4 <title>css styling</title>
5 <link href="styles/styles.css" rel="stylesheet" />
6 </head>
7 <body>
```

• main.css: 11

```
11 body {
12     margin: 0 auto;
13     padding: 2em 2em 4em;
```

Table of Contents

1. Course Objectives
2. Course Program
3. Trainers Team
4. Examination
5. Learning Resources



Course Topics

1. Introduction. HTML/CSS
2. PHP/MYSQL and Demos
3. JAVASCRIPT BASICS
4. CMS SYSTEMS
WordPress
5. WORKSHOP-WordPress themes
6. Exam preparation
7. Practical Exam



The Trainer

Trainer

► Nikolay Chochev @Timag.EU

- ◆ Entrepreneur & Marketing Expert
- ◆ Contestant in the IT and Informatics competitions
- ◆ Building custom themes, plugins, based on the WP platform;
- ◆ JavaScript/PHP/C# background
- ◆ Web site: <http://chochev.eu>
- ◆ Email: chochev@timag.eu



Training Duration - Dynamic Web Apps

- ▶ Lectures: ~ 32 hours (onsite + YouTube videos)
- ▶ Practical exercises (in class): ~ 15 hours
- ▶ Homework: ~ 30-50 hours
- ▶ Team project: ~ 10-20 hours
- ▶ Exam preparation: 3 hours
- ▶ Exam: Course project



Why English?

- ▶ Why the slides are in English?
 - ▶ English is the native language of the software engineers
 - ▶ Specific terminology should be in English
 - ▶ Translations are inaccurate and funny
- ▶ Just learn English!
 - ▶ No excuses



LEARN
ENGLISH





☒ Excellent
☐ Very good
☐ Good
☐ Average
☐ Poor

► Evaluation Criteria

Scoring System

- ▶ Exam project - 85%
- ▶ Homework - 5%
- ▶ Bonuses: up to 10%
 - ▶ Presence in class
 - ▶ Assistant bonuses
 - ▶ Others



Web Fundamentals Exam

- ▶ Practical project for home
- ▶ Sample exam problem:



**The Grasslands**

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Praesent euismod ultrices ante, ac laoreet nulla vestibulum adipiscing. Nam quis justo in augue auctor imperdiet.

**Paradise Found**

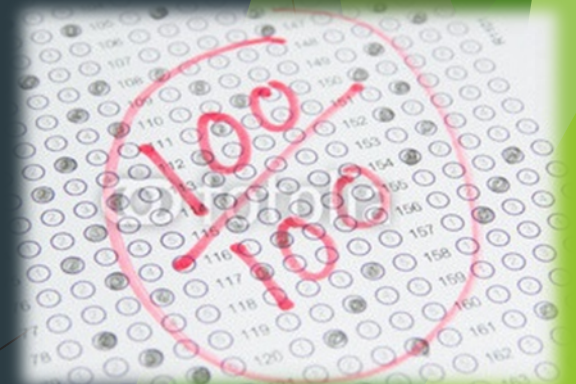
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Praesent euismod ultrices ante, ac laoreet nulla vestibulum adipiscing. Nam quis justo in augue auctor imperdiet.

**Smoke On The Water**

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Praesent euismod ultrices ante, ac laoreet nulla vestibulum adipiscing. Nam quis justo in augue auctor imperdiet.

**Line of Trees**

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Praesent euismod ultrices ante, ac laoreet nulla vestibulum adipiscing. Nam quis justo in augue auctor imperdiet.



Homework Assignments

- ▶ Doing your homework is very important!
 - ▶ Programming can only be learned through a lot of practice!
 - ▶ You should write code every day!
- ▶ Each lecture is followed by a few exercises
 - ▶ Try to solve them in class
 - ▶ The rest are your homework
- ▶ Homework assignments are due in 2 weeks after each lecture
- ▶ Submission will be accepted through email



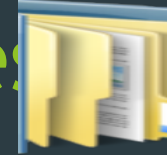
Course Web Site for downloads

<http://chochev.eu/izbiraema/>





Resources

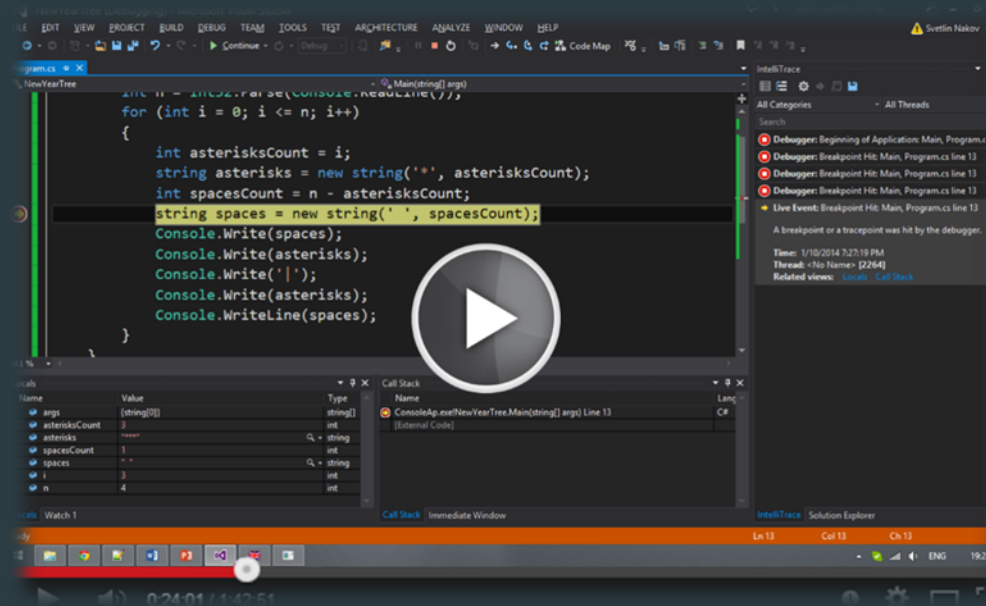


What We Need Additionally?



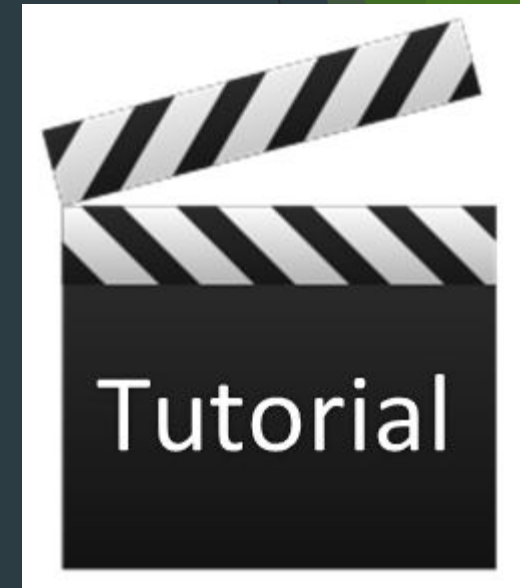
Slides and Videos

- ▶ All lecture slides, videos, homework assignments, projects and other resources are open content, available for free
 - ▶ Visit the course web site to access the course resources



HTML & CSS Tutorials

- HTML & CSS @ Codecademy
 - <http://www.codecademy.com/tracks/web>
- W3School HTML Tutorial
 - <http://www.w3schools.com/html/>
- Learn to Code HTML & CSS
 - <http://learn.shayhowe.com/html-css/>
- CSS Tricks
 - <http://css-tricks.com>



Recommended Software

- ▶ You will need a text editor, e.g.
 - ▶ Sublime Text 3
 - ▶ Notepad++
- ▶ You may try many HTML authoring tools like:
 - ▶ Sublime Text
 - ▶ Brackets
 - ▶ Aptana Studio
 - ▶ Microsoft Visual Studio
 - ▶ Netbeans
 - ▶ Webstorm



Questions?

