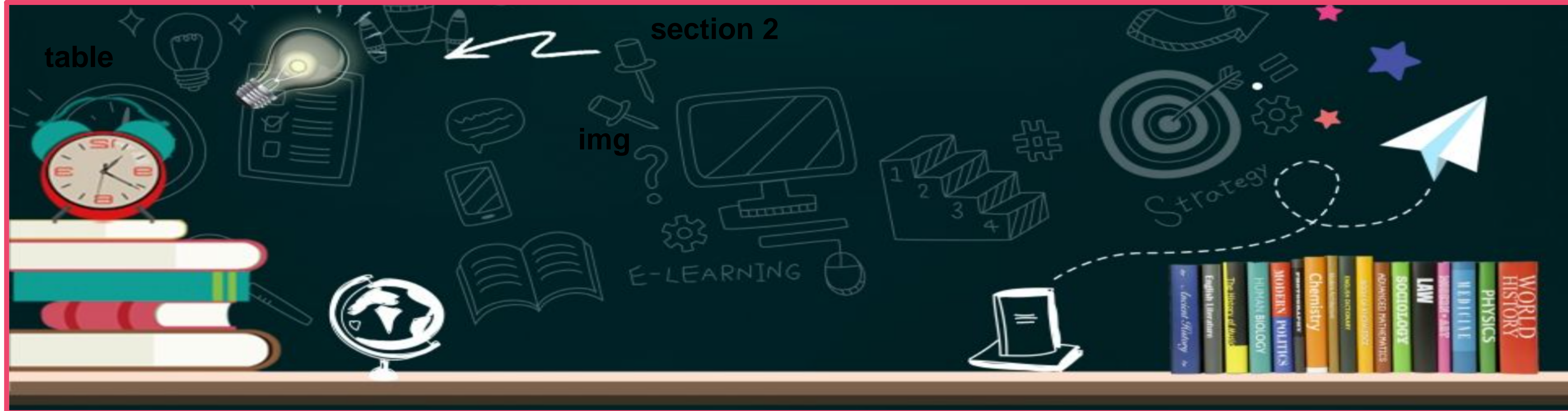# Welcome to HiCoders' Web Programming Course

What contains Web Basics?

- HTML5
- CSS3
- Visual Studio Code (IDE)
- Semantic Web
- Responsive Web Design
- Bootstrap CSS Framework
- Command Line Interface (CLI)
- Git als VCS
- GitHub
- IT basis & concepts (*computers, networks, operating systems*)

▼ What contains Web Programming?

1. Basic programming (*variables, conditions, loops, functions*)
2. Ecma script (*objects, arrays, strings, template literals, dates, functional programming*)
3. Create algorithms
4. Creation and use of data models
5. Working with modules (*separation of responsibilities, modularization*)
6. DOM programming (*DOM-Api, BOM-Api*)
7. Use of web interfaces in applications
8. Use of web libraries in applications
9. How to Use Tools to Find Errors (*Debug*)
10. Basis of test-driven development

Our motto is: share knowledge and promote people!

Web Basics

It is the first module of our course. This course first covers the basics of web technologies. The tools required for programming websites are presented. The technologies listed below will be completed in approximately 8 weeks with an intense homework pace. Participants who have completed this course will have gained knowledge and experience in the use of the following tools and technologies and with this knowledge and experience will be able to create static websites very easily.

Web Programming

In this second course of our module, **basic programming structures in Javascript** are taught. The tasks dealt with in this module are well above the basic level, and the submission of these tasks is the most important prerequisite for completing the course. While the participants prepare these assignments, they need to do research outside of class and, in particular, have frequent dialogues with their mentors and request their support. Although this module is a very challenging module, it is the main module that teaches programming beyond the basics.

Our Course Phases

- Web Fundamentals
- Web Programming
- Fullstack Web Programming
- Capstone Project

Contact

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