

## Reading 1

Before the class lectures of Week 05, you should review and understand the following materials. These topics will not be covered in the course lectures as we will proceed directly with exercises.

### Authentication

1. *Authentication with Passport.js*, <https://polito-webapp1.github.io/material-2026/slide/2-03-Authentication.pdf>

This presentation describes the principles behind the adoption of the Passport.js library for authenticating Express routes and enabling the login/logout processes. In the class of Week 05, we will show a practical implementation of such concepts and will provide a ready-to-use code example to integrate in your applications (for the purpose of this course).

### HTML and CSS

If you have taken the “Introduzione alle Applicazioni Web” course (in your Bachelor degree), a similar course during your bachelor's degree, or if you are already familiar with the topics below, you may skim through this section.

#### HTML

1. *Structuring content with HTML*, [https://developer.mozilla.org/en-US/docs/Learn\\_web\\_development/Core/Structuring\\_content](https://developer.mozilla.org/en-US/docs/Learn_web_development/Core/Structuring_content), the following sections:
  - a. Basic HTML syntax
  - b. Web page metadata
  - c. Headings and paragraphs
  - d. Emphasis and importance
  - e. Lists
  - f. Structuring documents
  - g. Creating links
  - h. Images
  - i. Table basics
  - j. Table accessibility

#### CSS

1. *CSS Styling Basics*, [https://developer.mozilla.org/en-US/docs/Learn\\_web\\_development/Core/Styling\\_basics](https://developer.mozilla.org/en-US/docs/Learn_web_development/Core/Styling_basics), the following sections:
  - a. What is CSS?
  - b. CSS getting started
  - c. Basic selectors
  - d. Attribute selectors
  - e. Combinators
  - f. Box model
  - g. Handling conflicts

- h. Values and units
  - i. Sizing
  - j. Backgrounds and borders
2. *CSS Text Styling*, [https://developer.mozilla.org/en-US/docs/Learn\\_web\\_development/Core/Text\\_styling](https://developer.mozilla.org/en-US/docs/Learn_web_development/Core/Text_styling), the following sections:
- a. Text and font fundamentals
  - b. Styling lists (optional)
3. *CSS Layout*, [https://developer.mozilla.org/en-US/docs/Learn\\_web\\_development/Core/CSS\\_layout](https://developer.mozilla.org/en-US/docs/Learn_web_development/Core/CSS_layout), the following sections:
- a. Introduction
  - b. Positioning
  - c. Flexbox
  - d. CSS grid layout