1. **Course content, Timetable of work and syllabus**

* **Lesson 1** - Introduction to PC.
  + Course content – 1.5h.
    - Introduction to PC, when it was invented, evolution of technologies.
    - Basic manipulations with PC. Creating/deleting folders, creating documents.
    - Introduction to document types, how we define them.
  + Practice – 0.5h
    - Practice with creating folders in folders, change their locations in PC.
* **Lesson 2** – Introduction to Programming.
  + Course content – 2h
    - What is programming.
    - How our code compiles and how PC understands what we wrote.
    - What is Frontend, what is Backend, in which parts project is divided.
    - What problems can we solve with frontend skills.
* **Lesson 3** – Introduction to HTML
  + Course content – 1.5h
    - What is HTML, when it was invented, how it evolved.
    - What is CSS, JSS, in which part of project they are used.
    - Introduction to tags, their types
    - Introduction to code editor, what it is and why we use that.
  + Practice – 1h
    - Making some research, looking to construction of many web-pages, web-app and make conclusion that every website construction is made by HTML.
    - Creating first HTML document.
    - Write first line of code.
    - Learning and use in practice tags such as <p>, <img>, <br>.
* **Lesson 4** – Learning new tags.
  + Course content – 1h
    - Speaking about new tags.
    - Introduction to “Inspect Element”, define that it represents us our last version of HTML, work with it basically.
  + Practice – 0.5h
    - Add to HTML document tag such as <span> <a> <h1-h6>.
    - Play with “Inspect Element”.
* **Lesson 5** – Introduction to attributes, and styles.
  + Course content – 1.5h
    - Speak about attributes, show examples.
    - Introduction to inline-styles.
    - Show how to add videos.
  + Practice – 1.5h
    - Show them optional attributes, do exercises.
    - Add to texts styles: color, background-color, font-size.
* **Lesson 6** – Introduction to lists.
  + Course content – 1h
    - Make an example with list in out life (list of products).
    - Show how list will be created and show in our page.
    - Show difference of creating ordered and unordered list.
  + Practice – 1h
    - Manipulation with list (creating list in list with different types, add them styles and attributes).
* **Lesson 7** – Introduction to embedded Style, <div> .
  + Course content – 1h
    - Show how we can use styles inside <head>, speak why it is better than inline-styles.
    - Introduction to <divs>, make point that it is vital tag, speak about that there are tags that we use them not so much, but <div> is must used tag in html
    - Learning new styles: width, height, background-image; background-size, position, background-repeat, font-weight, font-font-familly.
  + Practice – 1h
    - Use in practice what we learnt
* **Lesson 8** – Introduction to select method: id, class
  + Course content – 1h
    - Speak about selectors, why we use them, their difference
    - Introduction to <input> tag.
    - Introduction to <button> tag.
  + Practice – 1h
    - First template making. During work, learning what is margin, how we can use it.
* **Lesson 9** – Introduction to CSS
  + Course content – 1h
    - Take our all CSS and add new document and pass all properties to it and connect CSS to HTML.
    - Introduction to property “display”, “float”
    - Speak about <div>-s and show how we can suite them in one line.
* **Lesson 10** – Forms and tables
  + Course content – 1h
    - What is Forms, show them examples.
    - Speak about tables and learn tags: <tbody>, <thead>, <th>, <tr> etc.
    - Give tables some property.
    - Speak about options and selects.
  + Practice – 1h
    - Create their first form.
    - Create their first table
* **Lesson 11** – Flex, Grid
  + Course content – 1h
    - Introduction to flex, how we use it.
    - Introduction to gird, tell about its advantages.
    - Define different tags that can be used instead of <div>
  + Practice – 2.5h
    - Make template with flex.
    - Make template with gird.
* **Lesson 12-15**
  + Practice – 1.5h
    - Make templates, review.
* **Lesson 16 - Animation**
  + Course content – 0.5h
    - Introduction to animation.
    - Create simple example.
  + Practice – 1.5h
    - Make template with animation and transition.
* **Lesson 17 - Responsiveness**
  + Course content – 0.5h
    - Introduction to responsiveness.
    - Create Navbar example responsive.
  + Practice – 1.5h
    - Every person chose unique template and starts make it responsive.

**Lesson 18\* - Cross Browser Compatibility**

**The main goal of that lesson, is not to master in Cross Browser template making, it should be during work and practice, we show them that here is technology that you should use and remember during every project.**

* + Course content – 0.5h
    - Give example of HTML that in different browsers can be shown differently.
    - Show main ideas and topic about it.