

# Homework: HTML5 Forms

This document defines homework assignments from the [“Web Fundamentals \(HTML & CSS\)” Course @ SoftUni](#). Please submit as homework a single **zip / 7z** archive holding the source code of all below described problems.

## Problem 1. Simple Form

Create a HTML form like the image below (100% accuracy is not required). Put appropriate validation and placeholders.

The form is titled "Enter the system" and includes a sub-header "It is necessary to login in Your account in order to sign in for a course." It is divided into two main sections: "ARE YOU NEW? REGISTER" and "ALREADY A STUDENT? LOGIN". The "REGISTER" section has fields for "User name", "Email", "Password", and "Confirm Password", with a "Register" button at the bottom. The "LOGIN" section has fields for "User name" and "Password", a "Remember me?" checkbox, a "Login" button, and a "Forgot Password" link.

## Problem 2. Flight Order

Create a HTML page like the image below (100% accuracy is not required).

The form is titled "FLIGHT ORDER" and is set against a pink background. It contains fields for "From" and "To" (both with "enter a city" placeholder), "Departure Date" (09.06.2014), "Return Date" (13.06.2014), and "Time Interval" (00:20 to 05:00). There are checkboxes for "Prefer directs" and "Choose class" (Economy). A "Search" button is at the bottom right.

## Problem 3. WordPress Theme

Create a HTML page like the image below (100% accuracy is not required).

The page features the WordPress logo and the text "WORDPRESS". Below this is a section for "Upload a theme" with a "Choose file" button and the text "No file chosen". At the bottom, there is a search bar with the text "Or search in wordpress" and the WordPress logo.

## Problem 4. Fakebook Register Form

Create a HTML page like the image below (100% accuracy is not required). Make the fields on the right required. Use field validation for email and phone number. Set some tab indexes. Use labels where possible.



The image shows a registration form for 'fakebook'. The form is divided into two main sections: 'None-Important Information' and 'Important Information \*required'. The 'None-Important Information' section includes fields for First Name, Last Name, Your Email, Phone Number, Your Password, Website, Birthday (with a date and time picker), and gender (Female, Male, Other). The 'Important Information \*required' section includes fields for Country, Village, District, Street, Nr, Floor, Ap Nr, Door Color (with a color picker), Water Meter Nr, Aunt Panties' Size (with a dropdown), and a text area for 'More Personal Information' with the prompt 'Give Us More Information!!!'. At the bottom, there are two buttons: 'Clear Form' and 'Register'.

## Problem 5. Laptop Choice

Create a HTML page like the image below (100% accuracy is not required). You don't need to optimize the sliders for all browsers. Each group of elements, marked in red, must be a button that opens a link by choice. *The red rectangle is not a part of the assignment.*



The image displays a laptop selection interface. On the left, there are six laptop cards, each with a title, specifications, an image, and a price. The first card, 'Apple MacBook Air 11.6 inch/1.3GHz Haswell' for \$1,729.00, is highlighted with a red border. The other cards are: 'Apple MacBook Air 11.6 inch/1.4GHz Haswell' for \$1,825.00 (marked 'HOB'), 'Apple MacBook Air 13.3 inch/1.3GHz Haswell' for \$1,919.00, 'Apple MacBook Air 13.3 inch/1.4GHz Haswell' for \$1,999.00, 'Apple MacBook Air 11.6 inch/1.4GHz Haswell 256GB SSD' for \$2,119.00 (marked 'HOB'), and 'Apple MacBook Pro 13.3 inch/2.5GHz Ivy Bridge' for \$2,529.00. On the right, there are six filter sliders: Price (1700 to 2600), RAM (2048 to 4096), Disc (100GB to 2000GB), Display (11.6 to 18.4), Weight (1 to 6), and Warranty (12 month to 60 month).

# Exam problems.\*\*

All of the problems below are given on Web Fundamentals (HTML & CSS) Practical Exams.

You are not obligated to submit any of them in your homework. We highly recommend you to try solving some or all of them so you can be well prepared for the upcoming exam. If you still find those problems too hard for solving it's very useful to **check** and **understand** the solutions.

## Problem 6. \* Room Reservation

Create a Web form (HTML5 + CSS3 + images) that looks and behaves like the screenshots below:

The screenshot shows a web form titled "Room Reservation" in a light blue header. Below the header is a section titled "Basic Information" with a search bar on the right and a paragraph of Lorem Ipsum text. Below this is a section titled "Personal Details" with three input fields: "First Name", "Last Name", and "Enter email". To the right of this is a section titled "Request a reservation" with a "Select a room:" dropdown menu (showing "Room 3"), a "Number of Rooms:" input field (showing "1"), and two date input fields for "Check-In:" and "Check-Out:" (both showing "dd-----yyyy"). A blue "Book Now" button is located at the bottom right of the form.

### Input

You are given the above screenshots and all required images.

### Output

The output should be valid HTML5 + CSS3 + images that implement the above Web form.

### Constraints

- Font: 13px Tahoma, Helvetica, sans-serif.
- Title: 28px; Subtitle: 16px; Tahoma, Helvetica, sans-serif.
- Content max-width: 800px;
- The icon in search field is a button.
- "Select a room" is drop-down.

- “Number of rooms” is number field.
- “Check-in” and “Check-out” are date fields.
- Other fields are text.
- Form validation is not required.
- The site should open correctly in Chrome 35.
- Responsive design is not required.
- Pixel-perfect implementation is not required.

## Problem 7. \*Search Job

Create a Web site (HTML5 + CSS3 + images) that looks and behaves like the screenshots below:

\* The hand cursors in the screenshots show what happens when the mouse moves over certain elements.

### Input

You are given two screenshots, images + the texts on the site.

### Output

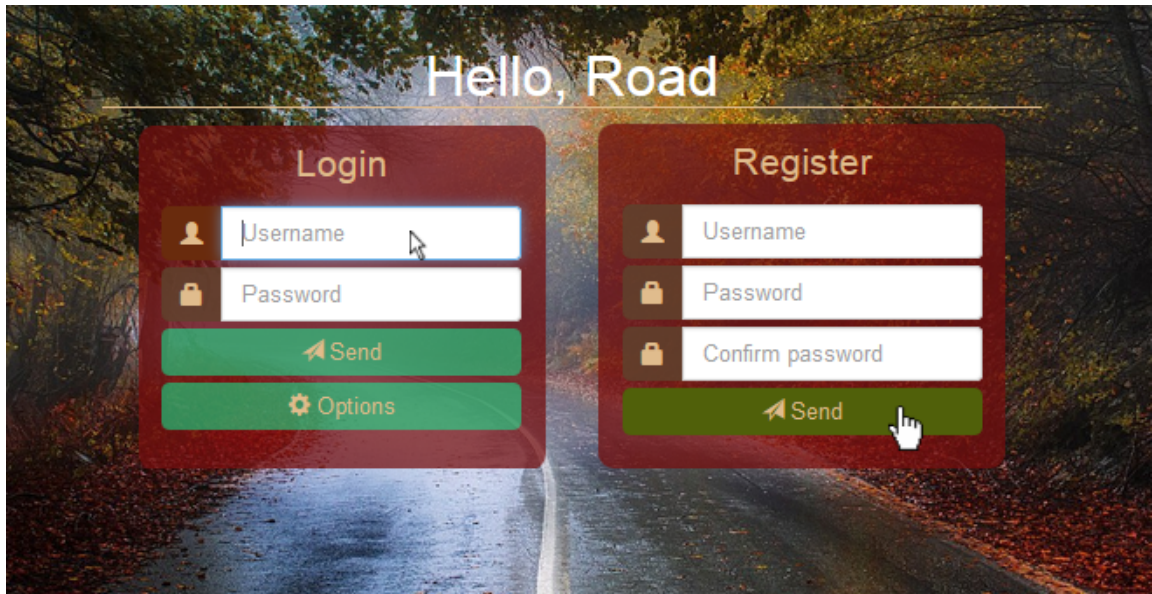
The output should be valid HTML5 + CSS3 + images that implement the above Web site.

### Constraints

- Fonts:
  - Site content: Tahoma, Helvetica, sans-serif; 14px.
- Site content: fixed width 1000px.
- The site should open correctly in Chrome 35+.
- Responsive design is not required.
- Pixel-perfect implementation is not required.
- Take the colors from the pictures with color picker.

## Problem 8. \*Login Form

Create a Web form (HTML5 + CSS3 + images) that looks and behaves like the screenshots below:



### Input

You are given the above screenshots + the background image.

### Output

The cursors in the screenshots demonstrate the form's behavior, do **NOT** implement them. The output should be valid HTML5 + CSS3 + images that implement the above Web form.

### Constraints

- Main font: Tahoma, Helvetica, sans-serif.
- Main container for both forms must be 530 x 350px.
- Main container should be in the center of the Web page.
- The background image should cover the entire Web page.
- Form validation **is not required**.
- The site should open correctly in Chrome 35 and above.
- Responsive design **is not required**.
- Pixel-perfect implementation **is not required**.

## Problem 9. \*Free Account

Create a Web form (HTML5 + CSS3 + images) that looks and behaves like the screenshots below:

Problem 3 - Free Account

03-Free-Account.html

Login or Create a Free Account!

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum.

New Account:

Username  ✓

E-Mail  ✓

Password  ✗

Repeat Password  ✗

☐ Please inform me of upcoming freebies, promotions and news

Create Account

Login:

Username  ✓

Password  ✗

[I Forgot my Password!](#)

Login

### Input

You are given the above screenshots and all required images.

### Output

The output should be valid HTML5 + CSS3 + images that implement the above Web form.

\* You do not need to implement form validation. The images at the end of the fields are static – do not depend on the text inside the field.

### Constraints

- Font: Tahoma, Helvetica, sans-serif.
- Site content: fixed width 800px.
- Heading font-size: 24px.
- Form validation is not required.
- The site should open correctly in Chrome 38.
- Responsive design is not required.
- Pixel-perfect implementation is not required.