

# מסלול Full Stack

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שם המרצה: דורון אזולאי



# ברוכים הבאים



# Lesson Agenda

- intro – web forms
- Inputs –
  - labels
  - types –
    - text, number, range, check box
    - button, select, hidden
- Form –
  - attributes
  - validation
- Exercise
- Q&A

# Form:

## Form made up of several parts

- Input fields – form elements
- Link labels
- Confirmation form
- Shipping method
- Shipping address

# Form Elements: more - [https://www.w3schools.com/html/html\\_form\\_elements.asp](https://www.w3schools.com/html/html_form_elements.asp)

## Common Tags & attributes

- `<input>` - type, name, value, readonly, required
- `<label>` - for, required
- `<select>` - size, multiple, required
- `<textarea>` - rows, cols, required
- `<button>` - type, required
- `<option>` - value, selected, required

# Inputs: more - [https://www.w3schools.com/html/html\\_form\\_input\\_types.asp](https://www.w3schools.com/html/html_form_input_types.asp)

## Types

- `<input type="button">`
- `<input type="checkbox">`
- `<input type="color">`
- `<input type="date">`
- `<input type="email">`
- `<input type="file">`
- `<input type="image">`
- `<input type="number">` - min, max
- `<input type="password">`
- `<input type="radio">`
- `<input type="range">`
- `<input type="reset">`
- `<input type="search">`
- `<input type="submit">`
- `<input type="text">` - maxlength
- `<input type="url">`

# Inputs: labels

label tag is the information about the input

**for**: Looks for an id that has the same value and connect the label with the input

**id**: It's a unique key that leads to a specific tag

```
<label for="fname">First name:</label><br>  
<input type="text" id="fname">
```

# Form: attributes

more - [https://www.w3schools.com/html/html\\_forms\\_attributes.asp](https://www.w3schools.com/html/html_forms_attributes.asp)

**action:** the action attribute defines the action path to send the form data

**method:** The method attribute specifies the HTTP method to be used when submitting the form data. **POST / GET**



# Form: example

more - [https://www.w3schools.com/html/html\\_forms.asp](https://www.w3schools.com/html/html_forms.asp)

## Code:

```
<form action="" method="get">
  <label for="fname">First Name</label> <br>
  <input type="text" id="fname" name="fn" /> <br>
  <label for="lname">Last Name</label> <br>
  <input type="text" id="lname" name="ln" /> <br>

  <input type="reset" value="Reset" />
  <input type="submit" value="Send" />
</form>
```

## GUI:

First Name

Last Name

## search box before send click:

C:/dev/html/lesson4/index.html

## GUI:

First Name

Last Name

## search box after send click:

C:/dev/html/lesson4/index.html?fn=doron&ln=azulay

# Form: validation example

## Code:

```
<form action="" method="get">
  <label for="fname">First Name</label> <br>
  <input type="text" id="fname" name="fn" required /><br>
  <label for="lname">Last Name</label> <br>
  <input type="text" id="lname" name="ln" required /><br>

  <input type="reset" value="Reset" />
  <input type="submit" value="Send" />
</form>
```

## GUI:



First Name

Last Name

Click send without  
fill the fields



First Name

Last Name

! Please fill out this field.

# In Class Exercise:

- create folder – inClassExercise1
- two files
  - studentInfoForm.html
  - studentInfoDetails.html

## StudentInfoForm Page

Create a page that displays form for Personal Questionnaire with inputs first name, last name, address, age, gender, email, tell us about yourself, where will you be in 10 years, remember me, submit button and reset button

## StudentInfoDetails Page

Create a page that displays student information with image, first name, last name, address, age, gender, email, tell us about yourself, where will you be in 10 years and design the page with colors

# W3schools Exercise:

Link - [https://www.w3schools.com/html/exercise.asp?filename=exercise\\_html\\_forms1](https://www.w3schools.com/html/exercise.asp?filename=exercise_html_forms1)

HTML Forms

HTML Form Attributes

HTML Form Elements

HTML Input Types

HTML Input Attributes

# Exercise:

- create folder – exercise3
- create three files
  - login.html
  - register.html
  - contact.html

## Login Page

Create a page that displays form for login with inputs **email**, **password**, **checkbox** to remember, **submit** button and **reset** button

## Register Page

Create a page that displays form for register with inputs **email**, **password**, **submit** button and **reset** button

## Contact Page

Create a page that displays form for contact with inputs **full name**, **email**, **subject**, **text**, **submit** button and **reset** button

# Exercise: login page


**Login**

Email

Password


☐ remember me

Email

 Please include an '@' in the email address. 'some email' is missing an '@'.

Email

Password

 Please fill out this field.

Method: GET

**Login**

Email

Password

☒ remember me

/login.html?email=some%40email.com&pass=123&remember=on


# Exercise: register page

**Register**

Email


Password

Email

 Please include an '@' in the email address.  
'some email' is missing an '@'.

Email

Password

 Please fill out this field.

Method: POST

**Register**

Email

Password

×	Headers	Payload	Preview
▼	Form Data	view source	
email: some@email.com			
pass: 123			

# Exercise: login page

Method: POST

**Contact**

Full Name

Email

Subject

Description

Full Name

! Please fill out this field.

Email

! Please include an '@' in the email address. 'smoe email' is missing an '@'.

Subject

! Please fill out this field.

Description

! Please fill out this field.

**Contact**

Full Name

Email

Subject

Description

× Headers Payload Preview Re

▼ Form Data view source view U

**name:** doron

**email:** smoe@email.com

**subject:** html

**description:** End of base html



# Q&A



