

МІНІСТЕРСТВО ОСВІТИ І НАУКИ УКРАЇНИ  
ХАРКІВСЬКИЙ НАЦІОНАЛЬНИЙ УНІВЕРСИТЕТ РАДІОЕЛЕКТРОНІКИ

Звіт

З виконання лабораторної роботи з дисципліни  
«Програмування в мережевих середовищах»

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# Лабораторная работа 5

## «Валидация та налаживание HTML и CSS»

### Цель работы

Целью лабораторной работы является приобретение практических навыков по валидации и отладки кода HTML и CSS с помощью использования специальных инструментов.

### Последовательность операций, которые были выполнены в процессе выполнения лабораторной работы:

1. Для лабораторных работ № 2,3 выполним валидацию HTML и CSS по помощью инструментов W3C и исправить ошибки;
2. Посмотрел отладку форм и других элементов веб-страниц помощью Web Developer;
3. Посмотрел отладку CSS с помощью Chrome DevTools (или другого встроенного инструмента вашего браузера).;

### Point 1:

- → ↻ validator.w3.org/nu/#file

### Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

**Showing results for uploaded file index.html**

Checker Input

Show ☐ source ☐ outline ☐ image report [Options...](#)

Check by [file upload](#) [Выберите файл](#) Файл не выбран

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

[Check](#)

Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors and warnings.

[Message Filtering](#)

1. **Warning** Consider adding a `lang` attribute to the `html` start tag to declare the language of this document.  
From line 1, column 1; to line 1, column 6  
`<html>` `<h`  
For further guidance, consult [Declaring the overall language of a page](#) and [Choosing language tags](#).  
If the HTML checker has misidentified the language of this document, please [file an issue report](#) or [send e-mail to report the problem](#).
2. **Error** Start tag seen without seeing a doctype first. Expected `<!DOCTYPE html>`.  
From line 1, column 1; to line 1, column 6  
`<html>` `<h`

**Document checking completed.**

Used the HTML parser.  
Total execution time 14 milliseconds.

[About this checker](#) • [Report an issue](#) • Version: 20.4.23

## Nu Html Checker

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### Showing results for index.html

Checker Input

Show ☐ source ☐ outline ☐ image report

Check by   Файл не выбран

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

Document checking completed. No errors or warnings to show.

Used the HTML parser.

Total execution time 15 milliseconds.

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At line 14, column 31

```
s="inlineValue"i d="userPass"><
```

5. **Error** No space between attributes.

At line 17, column 31

```
s="inlineValue"i d="userFname">
```

6. **Error** No space between attributes.

At line 20, column 31

```
s="inlineValue"i d="userLname">
```

7. **Error** No space between attributes.

At line 23, column 31

```
s="inlineValue"i d="userEmail">
```

8. **Error** No space between attributes.

At line 26, column 31

```
s="inlineValue"i d="userPhone">
```

9. **Error** No space between attributes.

At line 29, column 31

```
s="inlineValue"i d="userCard"><
```

10. **Error** No space between attributes.

At line 32, column 31

```
s="inlineValue"i d="us
```

11. **Error** Bad value `for attribute action on element form: Must be non-empty.`

From line 35, column 9; to line 35, column 93

```
<form autocomplete="off" action="" method="POST" onclick="return runAutoComplete();">
```

12. **Error** Stray start tag `script`.

From line 42, column 4; to line 42, column 11

```
/body> <script>
```

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### Showing results for wellcome.html

Checker Input

Show ☐ source ☐ outline ☐ image report

Check by   Файл не выбран

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

Document checking completed. No errors or warnings to show.

Used the HTML parser.

Total execution time 7 milliseconds.

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## Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

### Showing results for index.html

Checker Input

Show ☐ source ☐ outline ☐ image report

Check by   Файл не выбран

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors and warnings.

- Warning** Consider adding a `lang` attribute to the `html` start tag to declare the language of this document.  
From line 1, column 16; to line 2, column 6  
TYPE `html` `<html>` `<h`  
For further guidance, consult [Declaring the overall language of a page](#) and [Choosing language tags](#).  
If the HTML checker has misidentified the language of this document, please [file an issue report](#) or [send e-mail to report the problem](#).
- Error** Attribute `placeholder` is only allowed when the input type is `email`, `number`, `password`, `search`, `tel`, `text`, or `url`.  
From line 19, column 14; to line 19, column 105  
`<input id="datetime" placeholder="Datetime" type="datetime-local" name="datetime" required/><br/>`
- Warning** The `datetime-local` input type is not supported in all browsers. Please be sure to test, and consider using a polyfill.  
From line 19, column 14; to line 19, column 105  
`<input id="datetime" placeholder="Datetime" type="datetime-local" name="datetime" required/><br/>`
- Error** Attribute `min` not allowed on element `input` at this point.  
From line 29, column 14; to line 29, column 165  
`<input id="tel" placeholder="Tel" type="tel" name="tel" min="11" pattern="^\{([0-9]{3})\}([0-9]{3})[-\s\.\]{0,1}[0-9]{3}[-\s\.\]{0,1}[0-9]{4}$" required/><br/>`  
Attributes for element `input`:  
[Global attributes](#)  

<code>accept</code>	when type is <code>file</code>
<code>alt</code>	when type is <code>image</code>

## Nu Html Checker

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### Showing results for index.html

Checker Input

Show ☐ source ☐ outline ☐ image report

Check by   Файл не выбран

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

Document checking completed. No errors or warnings to show.

Used the HTML parser.

Total execution time 5 milliseconds.

[About this checker](#) • [Report an issue](#) • Version: 20.4.23

### Выводы:

В процессе выполнения лабораторной работы ознакомился с валидацией и отладки кода HTML и CSS с помощью W3C валидатора.