

# Materiały pomocnicze – lab1

## **Document Model Object DOM / Javascript?**

[https://www.w3schools.com/js/js\\_htmlDOM.asp](https://www.w3schools.com/js/js_htmlDOM.asp)

## **Finding HTML Elements**

[https://www.w3schools.com/js/js\\_htmlDOM\\_document.asp](https://www.w3schools.com/js/js_htmlDOM_document.asp)

## **Javascript Form Validation**

[JavaScript Form Validation \(w3schools.com\)](#)

## **Formularze – walidacja - przykłady**

<https://kursjs.pl/kurs/formularze/formularze-walidacja.php>

# JavaScript Form Validation

[https://www.w3schools.com/js/js\\_validation.asp](https://www.w3schools.com/js/js_validation.asp)

HTML form validation can be done by JavaScript.

If a form field (fname) is empty, this function alerts a message, and returns false, to prevent the form from being submitted:

## JavaScript Example

```
function validateForm() {  
  let x = document.forms["myForm"]["fname"].value;  
  if (x == "") {  
    alert("Name must be filled out");  
    return false;  
  }  
}
```

The function can be called when the form is submitted:

## HTML Form Example

```
<form name="myForm" action="/action_page.php" onsubmit="return  
validateForm()" method="post">  
Name: <input type="text" name="fname">  
<input type="submit" value="Submit">  
</form>
```

# onblur Event – w3schools

[◀ DOM Events](#) [◀ FocusEvent](#)

## Example

Execute a JavaScript when a user leaves an input field:

```
<input type="text" onblur="myFunction()">
```

[Try it Yourself »](#)

# Show Hide elements

<https://stackoverflow.com/questions/5865408/javascript-css-show-and-hide-form-elements>

# Wyrażenia regularne!

- <https://czterytygodnie.pl/wprowadzenie-wyrazen-regularnych-regex/>
- <https://www.medianauka.pl/wyrazenia-regularne>
- <https://regex101.com/>

metody sprawdzające według wzorca wyrażen regularnych :

- match
- test
- search

**Przykład kodu:**

```
var data =f.data.value; var wzor=/^[0-3]{1}[0-9]{1}-[0-1]{1}[0-9]{1}-[1-2]{1}[0-9]{3}$/;

if (data.search(wzor)==-1)

{

    alert ('Podaj poprawną date format dd-mm-rrrr');

    return false;

} else

{

    alert ('Data jest poprawna wysyłam formularz');

    return true;

}

}
```

## HTMLFormElement: submit event

Listener:

[https://developer.mozilla.org/en-US/docs/Web/API/HTMLFormElement/submit\\_event](https://developer.mozilla.org/en-US/docs/Web/API/HTMLFormElement/submit_event)

<https://developer.mozilla.org/en-US/docs/Web/API/Event/preventDefault>

## Debugowanie kodu Javascript:

<https://kursjs.pl/kurs/debuger/debugowanie.php>