

# SOEN 287

## WEB PROGRAMMING

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Tutorial 05- JavaScript

Tutorial Sections SB & UC

Mohamed Eldesouki



# TEMPLATE

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <title>Title of the document</title>
```

```
  </head>
```

```
  <body>
```

```
    <!-- Content -->
```

```
  </body>
```

```
</html>
```



# ABOUT JAVASCRIPT

JavaScript can be implemented in a multitude of ways. We will focus on placing scripts in:

The `<head>` or `<body>` tags surrounding the script with `<script>` tags.

In an external file referenced by your `<html>` page with `<script src="myScript.js"></script>`.



# REPLACE EXERCISE

Using the string: “Mr. Blie has a blie horse”

Replace all the “i” with “u”.



# REVIEW EXERCISE

## A. Function: `arrayToString()`

- Parameter(s): Array of words
- All the elements of the array must be concatenated into a single string and returned.

## B. Function: `getDigits()`

- Parameter (s): A String
- Scan the string and find all the digits (0-9), concatenate that they are found and return the string of numbers.

## C. Function: `getCurrentDate()`

- Parameter (s): None
- Retrieve the current date in the format similar to: Monday, May 10, 2010 and return it.



# SEARCH EXERCISE

Using the string: "Mr. Blue has a blue horse"

Find the index of both the capital and the lower case "b".



# FORM VALIDATION



# REFERENCES ONLINE

- [www.w3schools.com/jsref/jsref\\_search.asp](http://www.w3schools.com/jsref/jsref_search.asp)
- [http://www.w3schools.com/js/js\\_regexp.asp](http://www.w3schools.com/js/js_regexp.asp)
- [http://www.w3schools.com/js/js\\_regexp.asp](http://www.w3schools.com/js/js_regexp.asp)
- [https://developer.mozilla.org/en-US/docs/Web/JavaScript/Guide/Regular\\_Expressions](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Guide/Regular_Expressions)

