***6. Passing Data from Your Webpage to Your Server***

**How do I format a date in JavaScript?**

<https://stackoverflow.com/questions/3552461/how-do-i-format-a-date-in-javascript>

**Syntax:**

toLocaleDateString()

toLocaleDateString(locales)

toLocaleDateString(locales, options)

const options = { weekday: 'long', year: 'numeric', month: 'long', day: 'numeric' };

console.log(event.toLocaleDateString('de-DE', options));

// expected output (varies according to local timezone): Donnerstag, 20. Dezember 2012

console.log(event.toLocaleDateString('ar-EG', options));

// expected output (varies according to local timezone): الخميس، ٢٠ ديسمبر، ٢٠١٢

console.log(event.toLocaleDateString(undefined, options));

// expected output (varies according to local timezone and default locale): Thursday, December 20, 2012

<https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Date/toLocaleDateString>

<https://stackoverflow.com/questions/3552461/how-do-i-format-a-date-in-javascript/34015511#34015511>

**Syntax:**

Options key examples:

1. **day:**  
   The representation of the day.  
   Possible values are "numeric", "2-digit".
2. **weekday:**  
   The representation of the weekday.  
   Possible values are "narrow", "short", "long".
3. **year:**  
   The representation of the year.  
   Possible values are "numeric", "2-digit".
4. **month:**  
   The representation of the month.  
   Possible values are "numeric", "2-digit", "narrow", "short", "long".
5. **hour:**  
   The representation of the hour.  
   Possible values are "numeric", "2-digit".
6. **minute:** The representation of the minute.  
   Possible values are "numeric", "2-digit".
7. **second:**  
   The representation of the second.  
   Possible values are "numeric", 2-digit".

All these keys are optional. You can change the number of options values based on your requirements, and this will also reflect the presence of each date time term.

Note: If you would only like to configure the content options, but still use the current locale, passing null for the first parameter will cause an error. Use undefined instead.

For different languages:

1. **"en-US":** For American English
2. **"en-GB":** For British English
3. **"hi-IN":** For Hindi
4. **"ja-JP":** For Japanese

You can use more language options.

For example

var options = { weekday: 'long', year: 'numeric', month: 'long', day: 'numeric' };

var today = new Date();

console.log(today.toLocaleDateString("en-US")); // 9/17/2016

console.log(today.toLocaleDateString("en-US", options)); // Saturday, September 17, 2016

console.log(today.toLocaleDateString("hi-IN", options)); // शनिवार, 17 सितंबर 2016

***Code:***

**Index.html:**

<!DOCTYPE html>

<html lang="en" dir="ltr">

<head>

<meta charset="utf-8">

<title>To Do List</title>

</head>

<body>

<h1>It's a weekday!</h1>

<p>Why are you not working.</p>

</body>

</html>

**App.js:**

//jshint esversion : 6

const express = require("express");

const bodyParser = require("body-parser");

const app = express();

var items = ["Buy Food", "Cook Food","Eat Food"];

app.set('view engine', 'ejs');

app.use(bodyParser.urlencoded({

extended: true

}));

app.get("/", function(req, res) {

var today = new Date();

var options = {

weekday: "long",

day: "numeric",

month: "long"

//year:"numeric"

};

//var day=today.toLocaleDateString("en-US"); //8/24/2022

var day = today.toLocaleDateString("en-US", options); //add date format in us english format

//Wednesday, August 24, 2022

res.render("list", {

kindOfDay: day, //replace the entire value of kind of day with current day

//newListItem: item //Its written to fix below problem of server

newListItems :items

});

});

app.post("/", function(req, res) {

var item = req.body.newItem;

//console.log(item);

//res.render("list",{newListItem:item});

items.push(item);

res.redirect("/"); //simple form of abov line

});

app.listen(3000, function() {

console.log("Server started on port 3000.");

});

**List.ejs:**

<!DOCTYPE html>

<html lang="en" dir="ltr">

<head>

<meta charset="utf-8">

<title>To Do List</title>

</head>

<body>

<h1><%= kindOfDay %></h1>

<ul>

<!--

<li>Buy Food</li>

<li>Cook Food</li>

<li>Eat Food</li>

-->

<% for(var i=0; i<newListItems.length;i++){ %>

<li><%= newListItems[i] %></li>

<% } %>

</ul>

<form class="" action="/" method="post">

<input type="text" name="newItem">

<button type="submit" name="button">Add</button>

</form>

</body>

</html>