**LAB 6**

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Browser Screenshots

1. Root screenshot before leading a main template  
   A screenshot of a phone

   Description automatically generated

Root including Handlebars app.render with a main layout loading header  
A screenshot of a web page

Description automatically generated

1. app.render examples  
   If  
   A screenshot of a phone

   Description automatically generated

each  
A screenshot of a computer

Description automatically generated

Unless  
A screenshot of a computer

Description automatically generated

1. Custom Helpers

A screenshot of a computer

Description automatically generated

The folder and file structure:  
A screenshot of a computer

Description automatically generated

The index.js code:

const express = require("express");

const exphbs = require("express-handlebars");

const app = express();

const customHelpers = require("./views/helpers/customHelpers");

// app.engine(file\_extension, engine\_use(directory))

app.engine(

".hbs",

exphbs.engine({

extname: ".hbs",

defaultLayout: "main",

layoutsDir: \_\_dirname + "/views/layouts/",

partialsDir: \_\_dirname + "/views/partials/",

helpers: customHelpers,

})

);

app.set("view engine", ".hbs");

// app.get("/", (req, res) => {

// res.send("home page for handlebars");

// });

app.get("/", (req, res) => {

// find the home.hbs file, and fill in the information

res.render("home", {

title: "Home Page",

message: "Welcome to Handlebars with Express!",

});

});

// Sample data

const sampleData = {

user: { name: "John Doe", email: "john@example.com" },

users: [

{ name: "Alice", email: "alice@example.com" },

{ name: "Bob", email: "bob@example.com" },

],

condition: false,

};

// if

app.get("/if", (req, res) => {

res.render("if", { user: sampleData.user });

});

// unless

app.get("/unless", (req, res) => {

res.render("unless", { condition: sampleData.condition });

});

// each

app.get("/each", (req, res) => {

res.render("each", { users: sampleData.users });

});

// custom helpers:

app.get("/custom-helper-example", (req, res) => {

const sampleDataCH = {

name: "John Doe",

birthday: "1990-01-01",

message: "Hello, Custom Helpers!",

};

res.render("chExample", sampleDataCH);

});

const PORT = 8000;

app.listen(PORT, () => {

console.log(`http://localhost:${PORT}`);

});