

### W3D3 – Homework Assignment 11 – Working with JQuery and the DOM

Implement code solutions for the following and be sure to use "use strict":

1. Refer to your work on Lab Assignment 4. Add Javascript and JQuery code to work with your 2 HTML forms as follows:
  - a. Login Form: Add code such that when the Form is submitted by clicking on the Submit button, the values entered in the input fields are printed to the Console. Do this using mostly JQuery API. Note: Prevent the form submission operation from doing a post-back/page reload.

```
$("#loginForm").submit(function(event) {  
    event.preventDefault();  
    const loginEmail = $("#loginEmail");  
    const loginPwd = $("#loginPwd");  
    const loginUrl = $("#loginUrl");  
  
    console.log("Email: "+loginEmail.val()+", Pwd: "+loginPwd.val()+", Url: "+loginUrl.val());  
});
```

- b. New Product Form: Add code such that when the form is submitted by a click on the Submit button, the values entered in the input fields are displayed in a <div> block that appears below of the form. Note: Prevent the form submission operation from doing a post-back/page reload.

```
$("#productForm").submit(function(event){  
    event.preventDefault();  
    const pnumber = $("#pnumber").val();  
    const qtsStock = $("#qtsStock").val();  
    const pname = $("#pname").val();  
    const supplier = $("#supplier").val();  
    const unitPrice = $("#unitPrice").val();  
    const dateSupplied = $("#dateSupplied").val();  
  
    const stringForm = "Number: "+pnumber+", Qts Stock: "+qtsStock+", Name: "+pname+  
        ", Supplier: "+supplier+", Unit Price: "+unitPrice+", Date Supplied: "+dateSupplied;  
  
    $("#block").text(stringForm);  
});
```

2. Obtain/Load the source code for the **CS472 – MiniBanking webapp** into your IDE, e.g. VSCode (if you do not already have it, download it from here - <https://mum0.sharepoint.com/sites/CS472-2021-03E-04C/Shared%20Documents/Revision-Prep%20for%20Exams/minibankapp.zip>). And do the following tasks:
  - a. Re-write the application to use JQuery instead of the existing plain-vanilla DOM Web API.
  - b. In your re-write of the webapp, implement the following enhancements (still using JQuery instead of DOM Web API):
    - i. Add a “Savings only” Checkbox control above the List of Customer Accounts table, and add code such that if the user selects/checks the Checkbox, the List of Customer Accounts will be filtered

to display only the Accounts that are of type, Savings. And if they unselect/uncheck the checkbox, the List will then display all the Customer Accounts, once again.

CS472 MiniBankingApp

127.0.0.1:5500/minibankapp/index.html

CS472:::MiniBankingApp

Welcome, Guest

## Bank Account Form

Account No

01-XXX-XXXX

Enter your unique account number.

Customer Name

e.g. John B. Smith

Type of Account

[Select Type of Account]

Create New Account

List of Customer Accounts			
#	Account No	Customer Name	Type of Account
1.	01-980-0001	James H. Karvill	Savings
2.	01-980-0002	Anna Hernandez-Diaz	Checking

CS472-WAP ::: Banking WebApp

O. Kalu, MIU ::: © April 2021

Please submit your code as a single zip file attachment to Sakai and/or push it to your github repository.

Link:

<https://johnsales.github.io/MIU/WAP/bankapp/index.html>

//-- Enjoy! --//