

<b>Course:</b>	INFO1232, Javascript I
<b>Professor:</b>	Daniel Malnati
<b>Project:</b>	Midterm Test, Part B
<b>Due Date:</b>	Wed, Feb 26, 2020 by 6:00 pm
<b>Submitting:</b>	FOL Submissions folder, Midterm Test, Part B
<b>Student Name:</b>	

### **Midterm Description:**

You are building a simple bank account viewing application. The user selects which account to view and perform transactions on. The user input is checked and output on screen with any messages and changes to the account.

#### **Instructions:**

1. Download the **zip file** "MidtermW2020.zip" from FOL. Re-save the starting html file using your first name followed by an underscore and then "MidtermTest". For example, "Daniel\_MidtermTest.html".
2. Create two variables in global scope, one for the chequing account and another for the savings. Set the amount for chequing to 450.0 and the amount for savings to 5000.0
3. There is a function provided startUpATM() that is executed when the page loads. Place some code in this function that displays by default the chequing account details to the User. (Label and amount)



4. Implement a function that will display the account type and account amount to the webpage whenever the dropdown menu selection is changed.



5. Implement some Transaction functionality for the textbox and buttons on screen using events and functions:

**Deposit:**

- Read the value in the textbox and add the amount to the currently selected account
- If the amount is less than \$10, do not allow a deposit and display a message to the Transaction Log on the webpage "Minimum \$10 to deposit"
- for successful transactions display a message with amount added to the Transaction Log on the webpage "Deposited: \$0000.00 to accountType"

IWD Bank Machine

Savings

\$6000.00

Account Selector:

Savings ▾

Transaction Tools:

Amount: 1000

Deposit

Withdraw

Deposited: \$1000.00 to Savings

**Withdraw:**

- Read the value in the textbox and remove the amount to the currently selected account
- If the amount is greater than the amount in the account, do not allow the withdrawal and display a message to the Transaction Log on the webpage "Insufficient Funds"
- for successful transactions display a message with amount removed to the Transaction Log on the webpage "Withdrawal: -\$0000.00 to accountType"

IWD Bank Machine

Chequing

\$450.00

Account Selector:

Chequing ▾

Transaction Tools:

Amount: 1000

Deposit

Withdraw

Insufficient funds!

6. After a transaction has taken place, update the amount shown on screen with the new amount.

IWD Bank Machine

Chequing

\$350.00

Account Selector:

Chequing

Transaction Tools:

Amount: 100

Deposit

Withdraw

Withdraw: -\$100.00 from Chequing

7. That's it! Zip your submission and submit to the midterm dropbox

## How will my code be marked?

Marks	What are Marks Awarded For?
1	<b>Comments</b> <ul style="list-style-type: none"><li>Page documentation including name, date, purpose</li><li>Script comments for each process</li></ul>
1	<b>Naming</b> <ul style="list-style-type: none"><li>Variable names are related to the data stored in them</li><li>Function names are related to what the function does</li></ul>
(-80%)	<b>Web Page Runs and Meets Requirements</b>
13	<b>Code Requirements</b> <ul style="list-style-type: none"><li>Page Load Details</li><li>Account Selector</li><li>Transaction: Deposit</li><li>Transaction: Withdraw</li><li>Ouput Errors and validation</li></ul>
15	<b>Total</b>