**JavaScript and Ajax:**

**//As a variable/function HW8:**

$(document).ready(function () {

var ajax\_call = function () {

var input = document.getElementById('ident');

var id = input.value;

var source = "/Bids/List/" + id;

console.log(id);

$.ajax({

type: "GET",

dataType: "json",

data: { "id": id },

url: source,

success: getData,

error: errorOnAjax

});

}

//if ajax successful, append new data to page in a table of bids, remove old data first

function getData(data) {

$(".table td").remove();

$(".table thead").remove();

$(".table").append("<thead class='thead'><tr><th scope='col'>Bidder Name: </th><th scope='col'>Bid Amount: </th></tr></thead> ");

for (var i = 0; i < data.length; i++) {

$(".table").append("<tbody><tr><td scope='row'>" + data[i].Name + "</td><td>" + "$" + Number(data[i].Amount).toLocaleString('en') + "</td>");

}

}

//function is ajax call has an error, console displays error

function errorOnAjax() {

console.log("error loading bids");

}

var interval = 1000 \* 5; // where X is timer interval in X seconds

//function to refresh details page every 5 seconds with new bid info

window.setInterval(ajax\_call, interval);

//function to load details page with new bid info when opened

window.onload = ajax\_call();

});

**//As a function in a function HW7:**

//function to clear the text field and screen

function clear() {

$('#translator').empty();

}

//function that prevents the user from using the form field for a new GET request

function noenter() {

return !(window.event && window.event.keyCode == 13);

}

//API function call, sends request to APIController

function apiRequest(c) {

//create a source API path to my controller and include last word as url parameter

var source = "/Search/Picture/" + c;

//This makes the get request to my controller

$.ajax({

type: "GET",

dataType: "json",

url: source,

success: displayData,

error: errorOnAjax

});

}

//If Get Request is successful, get the json data and get the url out of it

function displayData(data) {

//From the returned json data, get the url of the picture we wanted

var image = data.data.images.original.url;

//Append picture to the page using the url provided

$('#results').append("<img src='" + image + "'style='height:120px;width:120px;margin:25px;'/></div>");

}

//If ajax call has an error, return an error to the console

function errorOnAjax() {

console.log("error loading picture");

}

//Initial Function that starts Java once spacebar is pressed

$('#translator').bind('keypress', function (e) {

if (e.which === 32) {

var input = document.getElementById('translator');

//Get the last value of what the user typed

var a = input.value;

var b = a.split(" ");

var c = b[b.length - 1];

var bool = true;

//list of conjunction words not to be turned into pics as per http://www.smart-words.org/linking-words/conjunctions.html

var boringWords = ["And", "but", "for", "nor", "or", "so", "yet", "though", "although", "even", "though", "while", "lest", "if",

"unless", "until", "that", "even", "in", "than", "rather", "whether", "as", "much", "whereas", "after", "long",

"soon", "before", "by", "the", "time", "now", "once", "since", "till", "until", "when", "whenever", "while", "because",

"since", "so", "order", "why", "what", "whatever", "which", "whichever", "who", "whoever", "whom", "whomever", "whose",

"how", "where", "wherever", "I'm", "to", "my"];

//Compare the last word entry to the list of boring words

for (var i = 0; i < boringWords.length; i++) {

if (boringWords[i].toUpperCase() === c.toUpperCase()) {

bool = false;

}

}

//If word was in list append word, if not call function for ajax GET Request

if (bool == false) {

$('#results').append("<label>" + c + "&nbsp;</label></div>");

}

else {

//call api function and submit the text field value

apiRequest(c);

}

}

});