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// Hands on project 6-2
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// 4/1/19
"use strict";
var formValidity = true;
var button = document.getElementById('submitBtn');
/* Validate required fields */
function validateRequired() {
    var inputElements = document.querySelectorAll('#contactinfo input');
    var errorDiv = document.getElementById('errorText');
    var elementCount = inputElements.length;
    var requiredValidity = true;
    var currentElement;

  try {
      for(var i = 0; i < elementCount; i++) {
          currentElement = inputElements[i];
          if( currentElement.value === '') {
              currentElement.style.background = "rgb(255, 233,233)";
              requiredValidity = false;
          } else {
              currentElement.style.background = "white";
          }
      }
      if(requiredValidity === false) {
          throw "Please complete all fields";
      }
      errorDiv.style.display = "none";
      errorDiv.innerHTML = "";
  }
  catch (msg) {
      errorDiv.style.dislay ="block";
      errorDiv.innerHTML = msg;
      formValidity = false;
  }
}

  function createEventListeners() {
      var form = document.getElementsByTagName("form")[0];
      if(form.addEventListener) {
          form.addEventListener('submit', validateForm, false);
      } else if (form.attachEvent) {
          form.attachEvent('onsubmit', validateForm);
      }
  }
  function validateForm(evt) {
      if(evt.preventDefault) {
          evt.preventDefault(); // prevent form from submitting
      } else {
          evt.returnValue = false;
      }
      formValidity = true; // reset value for revalidation
      validateRequired();
      validateNumbers();
      if(formValidity === true) {
          document.getElementsByTagName('form')[0].submit();
      }
  }


  function validateNumbers() {
      var numberInputs = document.querySelectorAll('#contactinfo input[type=number]');
      var elementCount = numberInputs.length;
      var numErrorDiv = document.getElementById('numErrorText');
```

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        var numbersValidity = true;
        var currentElement;

        try {
            for(var i =0; i < elementCount; i++) {
                currentElement = numberInputs[i];
                if(isNaN(currentElement.value) || (currentElement.value === "")) {
                    currentElement.style.background  = "rgb(255, 233,233)";
                }
                else {
                    currentElement.style.background  = "white";
                }
            }
            if( numbersValidity === false) {
                throw "Zip and social security values must be numbers.";
            }
            numErrorDiv.style.display = "none";
            numErrorDiv.innerHTML = "";
        }
        catch(msg) {
            numErrorDiv.style.display = "block";
            numErrorDiv.innerHTML = msg;
            formValidity = false;
        }
    }

    function zeroPlaceholder() {
        var addressBox = document.getElementById('addrinput');
        addressBox.style.color ="black";
        if(addressBox.value === addressBox.placeHolder) {
            addressBox.value =""
        }
    }

    function checkPlaceholder() {
        var addressBox = document.getElementById("addrinput");
        if(addressBox.value === "")  {
            addressBox.style.color ="rgb(178,184,183)";
            addressBox.value = addressBox.placeholder;
        }
    }

    function generatePlaceholder() {
        if(modernizr.input.placeholder) {
            var addressBox = document.getElementById('addrinput');
            addressBox.value = addressBox.placeholder;
            addressBox.style.color = "rgb(178,184,183)";
            if(addressBox.addEventListener) {
                addressBox.addEventListener('focus', zeroPlaceholder, false);
                addressBox.addEventListener('blue', checkPlaceholder, false);
            } else if(addressBox.attachEvent) {
                addressBox.attachEvent('onfocus', zeroPlaceholder);
                addressBox.attachEvent('onblur', checkPlaceholder);
            }
        }
    }
    function setUpPage() {
        createEventListeners();
        generatePlaceholder();
    }
```

```
if(window.addEventListener) {
    window.addEventListener('load', setUpPage, false);
} else if (window.attachEvent) {
    window.attachEvent('onload', setUpPage);
}
```