➢ **Vendor: Microsoft**

➢ **Exam Code: 70-480**

➢ **Exam Name: Programming in HTML5 with JavaScript and CSS3 Exam**

➢ **Question 91 -- Question 120**

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QUESTION 91
You want to create an expando attribute on several <h3> tags that display vehicles for sale. The expando attribute will store the VIN (vehicle identification number) of the vehicle for sale. Which of the following is the most appropriate example of creating the expando attribute?

A. <h3 vin='current VIN here'>1965 VW Beetle</h3>
B. <h3 id='current VIN here'>1965 VW Beetle</h3>
C. <h3 data-vin='current VIN here'>1965 VW Beetle</h3>
D. <h3 datavin='current VIN here'>1965 VW Beetle</h3>

Answer: C

QUESTION 92
Which technology is HTML5 preceded by and derived from?

A. HTML 4.01
B. SGML
C. XHTML 1.0
D. XML

Answer: A

QUESTION 93
You are creating a web page that contains a canvas with text.
The page contains the following JavaScript code. (Line numbers are included for reference only.)

```
01 var canvas = document.getElementById('myCanvas');
02 var context = canvas.getContext('2d');
03
```

The text on the canvas must rotate 90 degrees when a user clicks a button on the page.
You need to ensure that the text rotates when the user clicks the button.
Which line of code should you add at line 03?

A. context.transform(90);
B. context.content.getRotation(90);
C. context.rotate(90);
D. context.content.rotate (90);

Answer: C

QUESTION 94
You are creating a new Windows 8 application, and you want to set up TDD for your JavaScript code. Which testing framework will you use?

A. QUnit
B. QUnit-Metro
C. Microsoft Test
D. NUnit

Answer: B

QUESTION 95
What are the steps for TDD?

A. Write the passing test, write the code, run the test again to validate that it still passes.
B. Write the failing test, write the code, run the test again to validate that it passes.
C. Write the code, write the test to validate that it passes, run the test again to validate that it still passes.
D. Write the passing test, write the code, break the code, run the test again to validate that it fails.

Answer: B

QUESTION 96
Where should your JavaScript code be placed?

A. In the <head> element of your HTML document.
B. Just before the </body> tag.
C. You should always place your JavaScript code in separate files, external to your HTML document.
D. Inside the <body> element, at the top.

Answer: C

QUESTION 97
You have two arrays of strings, customers and employees, and you want to combine them to create a contacts array. Which method would be most suitable for this task?

A. concat
B. join
C. push
D. splice

Answer: A

QUESTION 98
You develop an HTML5 application. You give users a numeric access code that can be used only one time.
Users must enter the numeric access code in the login form of the application. The numeric characters must be hidden by a masking character.
You need to implement the form element for users to enter the code.

Which HTML element should you use?

A. <input type="password" required autocomplete="off">
B. <input type="input" autocomplete="off" required />
C. <input type="password" stytem" visiblity:hidden;" required />
D. <input type="button" value="password" required />

Answer: A

QUESTION 99
You are developing an HTML5 web application that displays stock information.
The application loads information from a web service by using AJAX.
The following code defines a Stock object and loads stock data.

```
function Stock(symbol) {
    this.symbol = symbol;
    this.low = 0;
    this.high = 0;
}

Stock.prototype.parseStock = function (data) {
    this.low = data.low;
    this.high = data.high;
}

Stock.prototype.loadStock = function () {

}
```

You need to implement the loadStock function.
Which code segment should you use?

```
C A.    var stock = this;
        $.get('data.xml', function (data) {
          stock.parseStock(data);
        });
```

```
C B.    $.get('data.xml', function (data, innerScope) {
          innerScope.parseStock(data);
        });
```

```
C C.    $.get('data.xml', function (data) {
          this.parseStock(data);
        });
```

```
C D.    $.get('data.xml', function (data) {
          (function (scope) {
            scope.parseStock(data);
          })(data);
        });
```

A. Option A
B. Option B
C. Option C
D. Option D

Answer: A

QUESTION 100
Hotspot Question
You review a webpage that contains the following markup:

```
<!DOCTYPE html>
<html>
  <head>
    <style type="text/css">
      .container {
        display: -ms-grid;
        -ms-grid-columns: 1fr 1fr 1fr;
        -ms-grid-rows: 1fr 1fr 1fr;
      }
      .blueBox {
        -ms-grid-row: 2;
        -ms-grid-column: 2;
        -ms-wrap-flow: auto;
        float:none;
        background-color: blue;
      }
      .text {
        -ms-grid-row: 1;
        -ms-grid-column: 1;
        -ms-grid-column-span: 3;
        -ms-grid-row-span: 3;
      }
    </style>
  </head>
  <body>
    <div class="body">
      <div name="container" class="container">
        <div name="blueBox" class="blueBox"></div>
        <div name="content" class="text"></div>
      </div>
    </div>
  </body>
</html>
```

How does the page render? For each statement in the table, select Yes if the behavior is described. Select No if it is not. Make only one selection in each column.

Yes	No	
○	○	Content in the DIV element named **content** flows around all sides of the DIV element named **blueBox**.
○	○	The DIV element named **blueBox** will always be displayed at row 2, column 2 of the grid.
○	○	Content in the DIV element named **content** will fill all cells in the grid.

Answer:

Yes	No	
○	◉	Content in the DIV element named **content** flows around all sides of the DIV element named **blueBox**.
◉	○	The DIV element named **blueBox** will always be displayed at row 2, column 2 of the grid.
◉	○	Content in the DIV element named **content** will fill all cells in the grid.

QUESTION 101
Drag and Drop Question
You create an HTML5 application that includes JavaScript. The application performs several AJAX requests. One AJAX request retrieves order information from a web service and then sends the information back to a webpage within the application.
You must create a custom event. You have the following requirements:
- The webpage must contain an HTML element named ordersListing that will receive the custom event notification.
- The event name must be ordersReceived.
- The event must pass a custom value named orderCount.
- The event must run a JavaScript method named showOrdersReceivedCount after the orders Listing HTML element receives the event.
- Do not allow other DOM elements to receive the event.
- Allow the event to be cancelled.
- Send the event into the event system.
You need to implement the custom event to notify specific DOM elements of the AJAX response. Which three actions should you perform in sequence? (Develop the solution by selecting the required code segments and arranging them in the correct order.)

Answer Area

```
ordersListing.dispatchEvent(new CustomEvent
("ordersReceived", {
  detail: {
    orderCount: 5
  },
  bubbles: false,
  cancelable: true
}));
```

```
var ordersReceivedEvent = new CustomEvent
("ordersReceived", {
  bubbles: true,
  cancelable: true
});
```

```
ordersListing.addEventListener
("orders", showOrders);
```

```
ordersReceived.dispatchEvent
(ordersReceivedEvent);
```

```
var ordersReceived = document.getElementById
("ordersReceived");
```

```
var ordersListing = document.getElementById
("ordersListing");
```

```
ordersListing.addEventListener
("ordersReceived", showOrdersReceivedCount);
```

```
ordersListing.dispatchEvent(new CustomEvent
("ordersReceived", {
  detail: {
    orderCount: 5
  },
  bubbles: true,
  cancelable: false
}));
```

Answer:

Answer Area

```
ordersListing.dispatchEvent(new CustomEvent
("ordersReceived", {
  detail: {
    orderCount: 5
  },
  bubbles: false,
  cancelable: true
}));
```

```
ordersListing.dispatchEvent(new CustomEvent
("ordersReceived", {
  detail: {
    orderCount: 5
  },
  bubbles: false,
  cancelable: true
}));
```

```
var ordersReceivedEvent = new CustomEvent
("ordersReceived", {
  bubbles: true,
  cancelable: true
});
```

```
ordersListing.addEventListener
("ordersReceived", showOrdersReceivedCount);
```

```
ordersListing.addEventListener
("orders", showOrders);
```

```
ordersReceived.dispatchEvent
(ordersReceivedEvent);
```

```
ordersReceived.dispatchEvent
(ordersReceivedEvent);
```

```
var ordersReceived = document.getElementById
("ordersReceived");
```

```
var ordersListing = document.getElementById
("ordersListing");
```

```
ordersListing.addEventListener
("ordersReceived", showOrdersReceivedCount);
```

```
ordersListing.dispatchEvent(new CustomEvent
("ordersReceived", {
  detail: {
    orderCount: 5
  },
  bubbles: true,
  cancelable: false
}));
```

QUESTION 102
Drag and Drop Question
You are developing an application by using JavaScript.
You must write a function that returns the sum of the variables named v1, v2, v3, v4.
You need to complete the sum function.
How should you complete the relevant code? (To answer, drag the appropriate code segment or segments to the correct location or locations in the answer area. Use only code segments that apply.)

```
                                    Answer Area

  v3 + v4;                          <script>

  o.v3 + o.v4;                          function add(v1, v2) {

  this.v3 + this.v4;                        return v1 + v2 + [            ]

  this.o.v3 + this.o.v4;                }

  add (o, 15, 3);                       function addValues() {
                                            var o = { v3: 10, v4: 13 };
  add (15, 3) + o;
                                            var res = [            ]
  add.call(o, 15, 3);
                                            return res;
  add.apply (o, 15, 3);                 }

                                    </script>
```

Answer:

```
                                    Answer Area

  v3 + v4;                          <script>

  o.v3 + o.v4;                          function add(v1, v2) {

  this.v3 + this.v4;                        return v1 + v2 + [ this.v3 + this.v4; ]

  this.o.v3 + this.o.v4;                }

  add (o, 15, 3);                       function addValues() {
                                            var o = { v3: 10, v4: 13 };
  add (15, 3) + o;
                                            var res = [ add.call(o, 15, 3); ]
  add.call(o, 15, 3);
                                            return res;
  add.apply (o, 15, 3);                 }

                                    </script>
```

QUESTION 103
You are developing a web page that includes the following HTML.
`<span id = "myTextSpan" class = "redText"> Hello There! </span>`
The font color of text inside the span must be red.
You need to develop the web page to meet the requirement.
Which two CSS segments will achieve the goal? (Each correct answer presents a complete solution. Choose two.)

```
□ A.  .redText
      {
         color: red;
      }


□ B.  .myTextSpan
      {
         color: red;
      }


□ C.  span#myTextSpan
      {
         color: red;
      }


□ D.  #redText
      {
         color: red;
      }
```

A. Option A
B. Option B
C. Option C
D. Option D

Answer: AC

QUESTION 104
You are troubleshooting an application.
Users report that the UI is slow to respond.
You need to improve UI responsiveness by moving application tasks to web workers.
Which two tasks can you move to achieve this goal? (Each correct answer presents a complete solution. Choose two.)

A. A function that loops through the Document Object Model to update the style of page elements
B. A long-running calculation that requires looping through an array
C. A function that performs graphic-intensive animation
D. A function that stores large amounts of data to local storage

Answer: BC
Explanation:
* Despite the improvements in JavaScript engines, it is not uncommon for users to encounter frozen user interfaces as the browser works through resource intensive tasks. This leads to a horrible user experience. The purpose of Web Workers is to give developers a way of instructing the browser to process large tasks in the background; therefore preventing the UI from freezing up.
* The Web Workers specification defines an API for spawning background scripts in your web

application. Web Workers allow you to do things like fire up long-running scripts to handle computationally intensive tasks, but without blocking the UI or other scripts to handle user interactions

QUESTION 105
You develop an interactive scalable vector graphic (SVG) application.
You write the following code (Line numbers are included for reference only.):

```
01  <script>
02
03  </script>
04  <svg height="150" width="150" id="myGraphic">
05    <circle cx="25" r="20" cy="20" fill="orange" id="myCircle"/>
06  </svg>
07  <button id="zoom" onclick="zoomIn();">Zoom In</button>
```

You need to increase the size of the circle by 50 percent.
Which code segment should you insert at line 02?

```
C A.  function zoomIn() {
          var myGraphic = document.getElementById("myGraphic");
          myGraphic.createSVGTransform(1.5);
      }
```

```
C B.  function zoomIn() {
          var myGraphic = document.getElementById("myGraphic");
          myGraphic.setAttribute("currentScale", 1.5);
      }
```

```
C C.  function zoomIn() {
          var myCircle = document.getElementById("myCircle");
          myCircle.setAttribute("currentScale", 1.5);
      }
```

```
C D.  function zoomIn() {
          var myCircle = document.getElementById("myCircle");
          myCircle.r = myCircle.r * 1.5;
      }
```

A. Option A
B. Option B
C. Option C
D. Option D

Answer: B

QUESTION 106

You develop an HTML5 webpage. You have the following HTML markup:

```
<label for="personname">Given and Surname:</label>
<input type="text" name="personname" /><br />

<label for="businessname">Business Name:</label>
<input type="text" name="businessname" /><br />

<label for="emailaddress">Email Address:</label>
<input type="text" name="emailaddress" />
```

You need to change the background color for all of the elements whose name attribute ends with the word name.
Which code segment should you add to the webpage?

A. $ ('#name').css ({ 'background-color' : '#E0ECF8' });
B. $ ('input [name |="name";] ') .css (('background-color' : '#E0ECF8'});
C. $('input[name$="name"]'). css{{'background-color' : '#E0ECF8'});
D. $ ('*name') .css ({ 'background-color' : ' #E0ECF8'}) ;

Answer: C

QUESTION 107
You develop an HTML application that is located at www.adventure-works.com.
The application must load JSON data from www.fabrikam.com.
You need to choose an approach for loading the data.
What should you do?

A. Design a REST URI scheme with multiple domains.
B. Configure Cross-Origin Resource Sharing (CORS) on the servers.
C. Load the data by using WebSockets.
D. Use the jQuery getJSON method.

Answer: B
Explanation:
* You must use Cross Origin Resource Sharing
It's not as complicated as it sounds...simply set your request headers appropriately...in Python it would look like:
self.response.headers.add_header('Access-Control-Allow-Origin',   '*');
self.response.headers.add_header('Access-Control-Allow-Methods', 'GET, POST, OPTIONS');
self.response.headers.add_header('Access-Control-Allow-Headers',   'X-Requested-With');
self.response.headers.add_header('Access-Control-Max-Age', '86400');
* Cross-origin resource sharing (CORS) is a mechanism that allows Javascript on a web page to make XMLHttpRequests to another domain, not the domain the Javascript originated from.[1] Such "cross-domain" requests would otherwise be forbidden by web browsers, per the same origin security policy. CORS defines a way in which the browser and the server can interact to determine whether or not to allow the cross-origin request.[2] It is more powerful than only allowing same-origin requests, but it is more secure than simply allowing all such cross-origin requests.

QUESTION 108
You are building a web page for a newspaper publisher.
You have the following requirements:
- The web page should split the content into columns that are at least 100 pixels wide.
- The number of columns displayed must be set by the browser.

You need to implement the correct CSS properties.
Which line of code should you use?

A. <div id="outer" style="width: 100px; column-fill: balance;">...</div>
B. <div id="outer" style="width: 100px; column-gap: 10px;">...</div>
C. <div id="outer" style="column-width: 100px; ">. . .</div>
D. <div id="outer" style="width: 100px; columns: 100px 3">...</div>

Answer: C

QUESTION 109
You develop a webpage with a standard input control by using HTML5.
The input control must display the text Enter your given name, as shown below:

Enter your given name

When a user selects the input control, the text must disappear.
You need to create the input control.
Which input control should you use?

A. <input name="GivenName" value=" Enter your given name" />
B. <input name ="GivenName" default=" Enter your given name" />
C. <input name="GivenName" text=" Enter your given name" />
D. <input name="GivenName" placeholder=" Enter your given name" />

Answer: D

QUESTION 110
You develop an HTML5 webpage. You have the following HTML markup:

```
<section id="news">
   <h1>World News</h1>
   <article id="news1">...</article>
   <article id="news2">...</article>
   <article id="news3">...</article>
</section>
<section id="sports">
   <h1>Sports</h1>
   <article id="sports1">...</article>
   <article id="sports2">...</article>
   <article id="sports3">...</article>
</section>
```

You need to add a background color to the first article in each section.
Which code segment should you add to the webpage?

A. $ ("section article:first-child").css("background-color", "#f2f2f2");
B. $ ("section:first-child").ess ("background-color", "#f2f2f2");
C. $ ("article:first-of-type") .css("background-color", "#f2f2f2");
D. $ ("section:first-of-type").css("background-color", "#f2f2f2");

Answer: C

QUESTION 111

You are creating a custom object as described by the following code.

```
function square(side) {
  this.side = side;
  this.area = calcArea;
}
```

You need to implement the calcArea method.
Which code should you use?

```
○ A.  function calcArea () {
          return me.side * me.side;
      }


○ B.  function calcArea (obj) {
          return obj.side * obj.side;
      }


○ C.  function calcArea () {
          return side * side;
      }


○ D.  function calcArea () {
          return this.side * this.side;
      }
```

A. Option A
B. Option B
C. Option C
D. Option D

Answer: D

QUESTION 112
Drag and Drop Question
You are developing a web page that includes the following HTML.

```
<input name="ITSupport" type="checkbox" value="IT" id="choc"
 onclick="enable();" /><label for="IT">IT Support</label>
<input type="email" placeholder="IT@Contoso.com" id="eMail"
 name="eMail" disabled /><label for="eMail" >Your eMail </label>
```

You need to ensure that the email element is enabled only if the user selects the IT Support check box.
Which CSS selectors should you use? (To answer, drag the appropriate selector to the correct location. Each selector may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)

```
enabled

disabled

hidden

true

false

set
```

```
input:              {
  background-color: #e0e0e0;
}

<script type="text/javascript">
  function enable(e) {
    if (document.getElementById) {
      if (document.getElementById('IT').checked) {
        document.getElementById('eMail').[        ] = [        ] ;

      } else {
        document.getElementById('eMail').[        ] = [        ] ;


      }
    }
  }
</script>
```

Answer:

```
enabled

disabled

hidden

true

false

set
```

```
                    [ disabled ]
input:              {
  background-color: #e0e0e0;
}

<script type="text/javascript">
  function enable(e) {
    if (document.getElementById) {
      if (document.getElementById('IT').checked) {
        document.getElementById('eMail').[ disabled ] = [ false ] ;

      } else {
        document.getElementById('eMail').[ disabled ] = [ true ] ;


      }
    }
  }
</script>
```

QUESTION 113
You are developing an HTML5 web form to collect feedback information from site visitors.
The web form must display an INPUT element that meets the following requirements:
- Allow numeric values between 1 and 10.
- Default to the value of 5.
- Display as a slider control on the page.
You need to add the INPUT element to the form.
Which HTML element should you add?

A. Rating (Between 1 and 10): <input type="number" name="rating" min ="1" max-"10">
B. Rating (Between 1 and 10): <input type="number" name="rating" min="1" max="10" default="5">
C. Rating (Between 1 and 10): <input type="range" name="rating" min="0" max="10" default"="5">
D. Rating (Between 1 and 10): <input type="range" name="rating" min="10" max="10" value="5">

Answer: D

QUESTION 114
You develop an HTML5 application. The application uses an image that is returned from an HTTP POST request.
You develop the following code: (Line numbers are included for reference only.)

```
01  var xhr = new XMLHttpRequest();
02  xhr.open('POST', '/Images/heroAccent.png', true);
03  var img = document.createElement('img');
04
05  xhr.send();
```

You need to display the loaded image in the application.
Which code segment should you insert at line 04?

```
A.  xhr.responseType = 'blob';
    xhr.onload = function (e) {
      if (this.status == 200) {
        img.src = window.URL.createObjectURL(this.responseText);
        document.body.appendChild(img);
      }
    };
```

```
B.  xhr.responseType = 'blob';
    xhr.onload = function(e) {
      if (this.status == 200) {
        img.src = window.URL.createObjectURL(this.response);
        document.body.appendChild(img);
      }
    };
```

```
C.  xhr.responseType = 'document';
    xhr.onload = function (e) {
      if (this.status == 200) {
        img.src = window.URL.createObjectURL(this.responseText);
        document.body.appendChild(img);
      }
    };
```

```
D.  xhr.responseType = 'document';
    xhr.onload = function (e) {
      if (this.status == 200) {
        img.src = window.URL.createObjectURL(this.response);
        document.body.appendChild(img);
      }
    };
```

A. Option A
B. Option B
C. Option C
D. Option D

Answer: B

QUESTION 115
You develop an HTML5 webpage that contains the following HTML markup:
`<input id="loanTermTextBox" type="text" />`
Users must enter a valid integer value into the text box.
You need to validate the data type that is received from the input element.
Which two code segments should you include on the webpage? (Each correct answer presents a complete solution. Choose two.)

```
A.  function validateForm() {
       var loanTermInput = document.getElementById("loanTermTextBox");
       var loanTerm = parseInt(loanTermInput.value, 10);
       if (isNaN(loanTerm) || loanTerm.toString() !== loanTermInput.value) {
         alert("Loan Term must be an integer");
         return false;
       }
       return true;
    };
```

```
B.  var validateForm = function () {
       var loanTermInput = document.getElementById("loanTermTextBox");
       var loanTerm = parseInt(loanTermInput.value, 10);
       if (isNaN(loanTerm) || loanTerm.toString() !== loanTermInput.value) {
         alert("Loan Term must be an integer");
         return false;
       }
       return true;
    };
```

```
C.  var validateForm = function () {
       var loanTermInput = document.getElementsByName("loanTermTextBox");
       var loanTerm = parseFloat(loanTermInput.value);
       if (!isNaN(loanTerm) || loanTerm.toString() !== loanTermInput.value) {
         alert("Loan Term must be an integer");
         return false;
       }
       return true;
    };
```

```
D.  var validateForm = function () {
       var loanTermInput = document.getElementById("loanTermTextBox");
       var loanTerm = parseInt(loanTermTextBox.text);
       if (isNaN(loanTermInput)) {
         alert("Loan Term must be an integer");
         return false;
       }
    };
```

```
E.  var validateForm = function () {
       var loanTermInput = document.getElementsByName("loanTermTextBox");
       var loanTerm = JSON.parse(loanTermInput);
       if (!isNaN(loanTerm) || loanTerm.toString() !== loanTermInput.value) {
         alert("Loan Term must be an integer");
         return false;
       }
       return true;
    };
```

A. Option A
B. Option B
C. Option C
D. Option D
E. Option E

Answer: AB

QUESTION 116
You develop an HTML5 application for a company. Employees must enter a personal identification number (PIN) in an INPUT element named SecurityCode to access their employee records.
The SecurityCode element must meet the following requirements:
- Allow up to 6 digits.
- Do not display numbers as they are entered.
- Display the text Enter PIN Code before the user enters any data.
You need to implement the SecurityCode element.
Which HTML markup should you add to the application?

A. Option A
B. Option B
C. Option C
D. Option D
E. Option E

Answer: D
Explanation:
* The isNaN() function determines whether a value is an illegal number (Not- a-Number).
This function returns true if the value is NaN, and false if not.
* JavaScript Form Validation
JavaScript can be used to validate data in HTML forms before sending off the content to a server.
Form data that typically are checked by a JavaScript could be:
has the user left required fields empty?
has the user entered a valid e-mail address?
has the user entered a valid date?
has the user entered text in a numeric field?
* document.getElementByID
Returns a reference to the element by its ID.
Syntax
element = document.getElementById(id);
where
element is a reference to an Element object, or null if an element with the specified ID is not in the document.
id is a case-sensitive string representing the unique ID of the element being sought.
* The getElementsByName() method accesses all elements with the specified name. Gets a collection of objects based on the value of the NAME or ID attribute.
Syntax
document.getElementsByName(name)

QUESTION 117
Drag and Drop Question
You develop an HTML5 webpage. You have the following HTML markup:

```
<div id="MapContents"></div>
<img src="map.gif" alt="US Map" id="UsMap" />
```

You need to update the content of the DIV element when the mouse hovers over an image and when the mouse coordinates change.
How should you complete the relevant code? (To answer, drag the appropriate code segment to the correct location or locations in the answer area. Use only code segments that apply.)

Answer Area

```
innerHTML
mousemove
mouseout
mouseover
nodeValue
outerText
```

```
var contents = document.getElementById("MapContents");
var image = document.getElementById("UsMap");

image.addEventListener('                ', function (e) {

   contents.                = "x: " + e.x + "<br/>y: " + e.y + "<br/>";
});
```

Answer:

Answer Area

```
innerHTML
mousemove
mouseout
mouseover
nodeValue
outerText
```

```
var contents = document.getElementById("MapContents");
var image = document.getElementById("UsMap");

image.addEventListener(' mousemove ', function (e) {

   contents. innerHTML = "x: " + e.x + "<br/>y: " + e.y + "<br/>";
});
```

QUESTION 118
Hotspot Question
You are creating a custom CSS3 style.
You have the following requirements to complete the style:
- Box1 has a red outline.
- Box1 contains box2, and box2 must remain inside box1 Box2 must have a green to black gradient.
- Box2 must be surrounded by white space.
The style resembles the following diagram:

You need to add the CSS3 code to the styles.
How should you complete the relevant code? (To answer, select the appropriate code segment in each drop-down list in the answer area.)

```
<style>
    #box1
    {
        ┌──────────────────────────────────────┬───▼──┐
        │ margin: 5em; border: 1px solid #f00; │
        │ margin: 5em; border-color: red;      │
        │ margin: 10px 10px 10px 10px; color: red; │
        │ margin: 10px 10px 10px 10px; border-style: solid; │
        └──────────────────────────────────────┘
    }

    #box2
    {
        width: 6em;
        height: 4em;
        position: absolute;
        ┌──────────────────────────────────────────────────┬───▼──┐
        │ background-image: linear-gradient(to bottom, green, black); │
        │ background-image: linear-gradient(to top, green, black);    │
        │ background-image: radial-gradient(to bottom, green, black); │
        │ background-image: radial-gradient(to top, green, black);    │
        └──────────────────────────────────────────────────┘
        ┌──────────────────────────────┬───▼──┐
        │ margin: 0px 0px 0px 0px;      │
        │ margin: 10px 10px 10px 10px;  │
        │ padding: 0px 0px 0px 0px;     │
        │ padding: 10px 10px 10px 10px; │
        └──────────────────────────────┘
    }
</style>
```

Answer:

```
<style>
    #box1
    {
```

```
        ┌──────────────────────────────────────────┬───┐
        │                                          │ ▼ │
        ├──────────────────────────────────────────┴───┤
        │ margin: 5em; border: 1px solid #f00;         │
        │ margin: 5em; border-color: red;              │
        │ margin: 10px 10px 10px 10px; color: red;     │
        │ margin: 10px 10px 10px 10px; border-style: solid; │
        └──────────────────────────────────────────────┘
```

```
    }

    #box2
    {
        width: 6em;
        height: 4em;
        position: absolute;
```

```
        ┌──────────────────────────────────────────────────┬───┐
        │                                                  │ ▼ │
        ├──────────────────────────────────────────────────┴───┤
        │ background-image: linear-gradient(to bottom, green, black); │
        │ background-image: linear-gradient(to top, green, black);    │
        │ background-image: radial-gradient(to bottom, green, black); │
        │ background-image: radial-gradient(to top, green, black);    │
        └────────────────────────────────────────────────────────┘
```

```
        ┌──────────────────────────────────────┬───┐
        │                                      │ ▼ │
        ├──────────────────────────────────────┴───┤
        │ margin: 0px 0px 0px 0px;                 │
        │ margin: 10px 10px 10px 10px;             │
        │ padding: 0px 0px 0px 0px;                │
        │ padding: 10px 10px 10px 10px;            │
        └──────────────────────────────────────────┘
```

```
    }
</style>
```

QUESTION 119
You develop an application to host user-generated HTML and JavaScript content.
A common error handler in your application must process all unhandled errors.
You need to implement global error handling for the application.
Which code segment should you use?

C A.
```
window.onerror = function () {
    ...
}
```

C B.
```
Error.constructor = function () {
    ...
}
```

C C.
```
Error = function () {
    ...
}
```

C D.
```
document.onerror = function () {
    ...
}
```

A. Option A
B. Option B
C. Option C
D. Option D

Answer: A

QUESTION 120
You are creating a custom function. You pass an object named testObj to the function as a parameter. You do not use inheritance through the functions.
The function must establish whether testObj inherits from another object named parentObj.
You need to ensure that the function performs as required.
Which method or operator should you add to the function?

A. parentObj.instanceof(testObj)
B. testObj.isPrototypeOf(parentObj)
C. testObj.instanceof(parentObj)
D. parentObj.isPrototypeOf(testObj)

Answer: B

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