

- **Vendor: Microsoft**
- **Exam Code: 70-480**
- **Exam Name: Programming in HTML5 with JavaScript and CSS3 Exam**
- **Question 151 -- Question 180**

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**QUESTION 151**

Drag and Drop Question

You are validating user input by using JavaScript and regular expressions.

A group of predefined regular expressions will validate two input fields:

- An email address in a function named validateEmail (for example, firstname@contoso.com)
- A nine-digit number that allows optional hyphens after the second and fifth character in a function named validateSSN(for example, 555555555 or 555-55- 5555)

You need to use the correct expression to validate the input.

Which expression should you insert into each function? (To answer, drag the appropriate regular expression statement to the correct location. Each regular expression statement 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.)

```
/^\d{1,2}(\-|\/|\.)\d{1,2}\1\d{4}$/;
```

```
/^[0-9]{3}\^[0-9]{2}\^[0-9]{4}$/;
```

```
/^[0-9]{0}\^[0-9]{2}\^[0-9]{4}$/;
```

```
/^[a-zA-Z0-9._-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,4}$/;
```

```
/^[0-9]{3}+[a-zA-Z0-9.-]+\.[0-9]{2,4}$/;
```

#### Answer Area

```
function validateSSN(userinput) {  
    var ssnPattern =  
          
    return ssnPattern.test(userinput);  
}  
  
function validateEmail(userinput){  
    var emailPattern =  
          
    return emailPattern.test(userinput);  
}
```

**Answer:**

```
/^\d{1,2}(\-|\/|\.)\d{1,2}\1\d{4}$/;
```

```
/^[0-9]{3}\^[0-9]{2}\^[0-9]{4}$/;
```

```
/^[0-9]{0}\^[0-9]{2}\^[0-9]{4}$/;
```

```
/^[a-zA-Z0-9._-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,4}$/;
```

```
/^[0-9]{3}+[a-zA-Z0-9.-]+\.[0-9]{2,4}$/;
```

#### Answer Area

```
function validateSSN(userinput) {  
    var ssnPattern =  
          
    return ssnPattern.test(userinput);  
}
```

```
function validateEmail(userinput){  
    var emailPattern =  
          
    return emailPattern.test(userinput);  
}
```

#### QUESTION 152

You are developing a customer web form that includes the following HTML.

```
<input id="txtValue" type="text" />
```

A customer must enter a valid age in the text box prior to submitting the form.

You need to add validation to the control.

Which code segment should you use?

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

**Answer: D**

**QUESTION 153**

You are developing a customer contact form that will be displayed on a page of a company's website. The page collects information about the customer.

If a customer enters a value before submitting the form, it must be a valid email address.

You need to ensure that the data validation requirement is met.

What should you use?

- A. `<input name="email" type="url"/>`
- B. `<input name="email" type="text" required="required"/>`
- C. `<input name="email" type="text"/>`
- D. `<input name="email" type="email"/>`

**Answer: D**

**Explanation:**

[http://www.w3schools.com/html/html5\\_form\\_input\\_types.asp](http://www.w3schools.com/html/html5_form_input_types.asp)

**QUESTION 154**

Drag and Drop Question

You are developing a form that captures a user's email address by using HTML5 and jQuery.

- The form must capture the email address and return it as a query string parameter.

- The query string parameter must display the @ symbol that is used in the email address.

You need to implement this functionality.

How should you develop the form? (To answer, drag the appropriate code segment to the correct target or targets in the answer area. Each code segment 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.)

<code>str = \$("form").serialize();</code>	<pre>&lt;!DOCTYPE html&gt; &lt;html&gt; &lt;head&gt;   &lt;script src="http://code.jquery.com/jquery-latest.js"&gt;&lt;/script&gt; &lt;/head&gt; &lt;body&gt;   &lt;form&gt;     &lt;input type="text" name="email" /&gt;     &lt;input type="submit" value="Submit" /&gt;   &lt;/form&gt;   &lt;script&gt;     \$("form").submit(function () {       var str;       <div style="border: 1px solid black; height: 20px; width: 100%;"></div>       <div style="border: 1px solid black; height: 20px; width: 100%;"></div>       return true;     });   &lt;/script&gt; &lt;/body&gt; &lt;/html&gt;</pre>
<code>str = decodeURIComponent(str);</code>	
<code>str = \$("form").contents.toString();</code>	
<code>str = \$("form").toLocaleString();</code>	
<code>str = decodeURI(str);</code>	

**Answer:**

str = \$("form").serialize();	<!DOCTYPE html>
str = decodeURIComponent(str);	<html>
str = \$("form").contents.toString();	<head>
str = \$("form").toLocaleString();	<script src="http://code.jquery.com/jquery-latest.js"></script>
str = decodeURI(str);	</head>
	<body>
	<form>
	<input type="text" name="email" />
	<input type="submit" value="Submit" />
	</form>
	<script>
	\$("form").submit(function () {
	var str;
	str = \$("form").serialize();
	str = decodeURIComponent(str);
	return true;
	});
	</script>
	</body>
	</html>

### QUESTION 155

You are developing an application that consumes a Windows Communication Foundation (WCF) service.

The application interacts with the service by using the following code. (Line numbers are included for reference only.)

```

01 <script>
02     function getCountry(country) {
03         $.ajax({
04             type: "POST",
05             contentType: "application/json; charset=utf-8",
06             url: "http://contoso.com/Service.svc/GetCountry",
07             data: '{"Country":"' + country + '}',
08             dataType: "json",
09             success: OnSuccess,
10             error: OnError
11         });
12     }
13 }
14 function OnSuccess(data, status) {
15     ...
16 }
17 function OnError(request, status, error) {
18     ...
19 }
20 </script>

```

You need to authenticate to the WCF service.  
What should you do?

- A. At line 11, add the following lines of code.  
    ,username: yourusername

- ,password: yourpassword
- B. At line 11, add the following line of code.  
,credentials: prompt
- C. At line 06, replace the code with the following line of code.  
url: "http://contoso.com/Service.svc/GetCountry? Username=username&password=psssword",
- D. At line 11, add the following line of code. The username and password will be stored in an XML file.  
,credentials: credentials.xml

**Answer: A**

**Explanation:**

[http://msdn.microsoft.com/en-us/library/ie/hh673558\(v=vs.85\).aspx](http://msdn.microsoft.com/en-us/library/ie/hh673558(v=vs.85).aspx)

#### QUESTION 156

You are developing a web page that enables customers to upload documents to a web server. The page includes an HTML5 PROGRESS element named progressBar that displays information about the status of the upload.

The page includes the following code. (Line numbers are included for reference only.)

```
01 var xhr = new XMLHttpRequest();
02 var progressBar = $("#progressBar");
03
04 function(e) {
05     if (e.lengthComputable) {
06         progressBar.value = (e.loaded / e.total) * 100;
07         progressBar.textContent = progressBar.value;
08     };
```

An event handler must be attached to the request object to update the PROGRESS element on the page.

You need to ensure that the status of the upload is displayed in the progress bar.

Which line of code should you insert at line 03?

- A. xhr.upload.onloadeddata =
- B. xhr.upload.onplaying =
- C. xhr.upload.onseeking =
- D. xhr.upload.onprogress =

**Answer: D**

**Explanation:**

<http://stackoverflow.com/questions/3352555/xhr-upload-progress-is-100-from-the-start>

#### QUESTION 157

You are developing a customer web form that includes the following HTML.

<label id="txtValue"X/label>

Information from the web form is submitted to a web service. The web service returns the following JSON object.

```
{
  "Confirmation": "1234",
  "FirstName": "John"
}
```

You need to display the Confirmation number from the JSON response in the txtValue label field.

Which JavaScript code segment should you use?



- A. \$("#txtValue").val = (JSONObject.Confirmation);
- B. \$("#txtValue").val (JSONObject.Confirmation);
- C. \$("#txtValue").text = (JSONObject.Confirmation);
- D. \$("#txtValue").text (JSONObject.Confirmation);

**Answer: D**

**QUESTION 158**

Hotspot Question

You are developing a web application that retrieves data from a web service. The data being retrieved is a custom binary datatype named bint. The data can also be represented in XML.

Two existing methods named parseXml() and parseBint() are defined on the page.

The application must:

- Retrieve and parse data from the web service using binary format if possible
- Retrieve and parse the data from the web service using XML when binary format is not possible

You need to develop the application to meet the requirements.

What should you do? (To answer, select the appropriate options from the drop-down lists in the answer area.)

```
var request = $.ajax({  
    uri: '/',
```

```
if (request.getResponseHeader("Content-Type") == "application/bint")  
if (request.getResponseHeader("Content-Type") == "application/bint")  
if (type == "application/bint")  
if (request.mimeType == "application/bint")  
accepts: 'application/bint, text/xml',  
contentType: 'application/bint, text/xml',  
dataType: 'application/bint, text/xml',
```

```
dataFilter: function (data, type) {
```

```
if (request.getResponseHeader("Content-Type") == "application/bint")  
if (request.getResponseHeader("Content-Type") == "application/bint")  
if (type == "application/bint")  
if (request.mimeType == "application/bint")  
accepts: 'application/bint, text/xml',  
contentType: 'application/bint, text/xml',  
dataType: 'application/bint, text/xml',
```

```
    return parseBint(data);  
    else  
        return parseXml(data);  
    },  
    success: function (data) {  
        start(data);  
    }  
});
```

**Answer:**



```
var request = $.ajax({  
    uri: '/',
```

```
if (request.getResponseHeader("Content-Type") == "application/bint")  
if (request.getResponseHeader("Content-Type") == "application/bint")  
if (type == "application/bint")  
if (request.mimeType == "application/bint")  
accepts: 'application/bint, text/xml',  
contentType: 'application/bint, text/xml',  
dataType: 'application/bint, text/xml',
```

```
dataFilter: function (data, type) {
```

```
if (request.getResponseHeader("Content-Type") == "application/bint")  
if (request.getResponseHeader("Content-Type") == "application/bint")  
if (type == "application/bint")  
if (request.mimeType == "application/bint")  
accepts: 'application/bint, text/xml',  
contentType: 'application/bint, text/xml',  
dataType: 'application/bint, text/xml',
```

```
    return parseBint(data);  
    else  
        return parseXml(data);  
    },  
    success: function (data) {  
        start(data);  
    }  
});
```

#### QUESTION 159

You are developing a customer web form that includes the following HTML.

```
<input id = "txtValue" />
```

A customer must enter a value in the text box prior to submitting the form.

You need to add validation to the text box control.

Which HTML should you use?

- A. <input id="txtValue" type="text" required="required"/>
- B. <input id="txtValue" type="text" pattern="[A-Za-z]{3}" />
- C. <input id="txtValue" type="required" />
- D. <input id="txtValue" type="required" autocomplete="on" />

**Answer: A**

#### QUESTION 160

**Drag and Drop Question**

You are developing a web page for runners who register for a race. The page includes a slider control that allows users to enter their age.

You have the following requirements:

- All runners must enter their age.
- Applications must not be accepted from runners less than 18 years of age or greater than 90 years.
- The slider control must be set to the average age (37) of all registered runners when the page is first displayed.

You need to ensure that the slider control meets the requirements.

What should you do? (To answer, drag the appropriate word or number to the correct location in the answer area. Each word or number 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.)

range	<code>&lt;input type="</code>
slider	<code>min="</code>
0	<code>max="</code>
18	<code>step="5"</code>
90	<code>=</code>
100	<code>&gt;</code>
37	
avgAge()	
default	
value	
required	
optional	

**Answer:**

range

slider

0

18

90

100

37

avgAge()

default

value

required

optional

<input type="range"

min="18"

max="90"

step="5"

value="37"

required

/>

**QUESTION 161**

You are developing an HTML5 web application that displays the current temperature whenever a button is clicked. The following code provides this functionality.

```
function Loader() {  
    this.status = "ready";  
    this.temp = 50;  
    this.updateStatus = function (newStatus) {  
        status = newStatus;  
    };  
}  
  
var loader = new Loader();  
  
$(function () {  
    $("#loadTemp").click(function (eventData) {  
        loader.temp = loadTemp();  
        loader.updateStatus("done");  
    });  
});
```

When the temperature is loaded, the status property on the loader instance does not change. You need to ensure that the status property on the loader instance is updated when the temperature is loaded.

Which code segment should you use to replace the Loader function?

- ☐ A. 

```
function Loader() {  
    this.status = "ready";  
    this.temp = 50;  
    this.updateStatus = function (newStatus) {  
        this.status = newStatus;  
    };  
}
```
- ☐ B. 

```
function Loader() {  
    this.prototype.status = "ready";  
    this.temp = 50;  
    this.updateStatus = function (newStatus) {  
        this.status = newStatus;  
    };  
}
```
- ☐ C. 

```
function Loader() {  
    status = "ready";  
    this.temp = 50;  
    this.updateStatus = function (newStatus) {  
        status = newStatus;  
    };  
}
```
- ☐ D. 

```
function Loader() {  
    window.status = "ready";  
    this.temp = 50;  
    this.updateStatus = function (newStatus) {  
        status = newStatus;  
    };  
}
```

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

**Answer: A**

**QUESTION 162**

You are creating a class named Consultant that must inherit from the Employee class. The Consultant class must modify the inherited PayEmployee method. The Employee class is defined as follows.

```
function Employee() {}
```

```
Employee.prototype.PayEmployee = function ( ){  
    alertt'Hi there!';  
}
```

Future instances of Consultant must be created with the overridden method.

You need to write the code to implement the Consultant class.

Which code segments should you use? (Each correct answer presents part of the solution. Choose two.)

- A. `Consultant.PayEmployee = function ( )  
{  
 alert('Pay Consultant');  
}`
- B. `Consultant.prototype.PayEmployee = function ( ) {  
 alert('Pay Consultant');  
}`
- C. `function Consultant ( ) {  
 Employee.call(this);  
}  
Consultant.prototype = new Employee();  
Consultant.prototype.constructor = Consultant;`
- D. `function Consultant() {  
 Employee.call(this); }  
Consultant.prototype.constructor = Consultant.create;`

**Answer: BC**

#### QUESTION 163

You are developing a web application that consumes services from a third-party application. A web worker processes the third-party application requests in the background. A page in the application instantiates the web worker process.

You need to establish two-way communications between the web worker process and the page. Which two actions will achieve this goal? (Each correct answer presents a complete solution. Choose two.)

- A. From the web worker, use the onconnect event handler of the main page to capture events.
- B. From the main page, use the onmessage event handler of the web worker to capture events.
- C. From the web worker, use the onmessage event handler of the main page to capture events.
- D. From the main page, use the onconnect event handler of the web worker to capture events.

**Answer: BC**

#### QUESTION 164

You are developing an HTML5 web application that displays customer mailing address information. The application loads addresses from a web service by using AJAX. The following code defines a Customer object and loads address data.

```
function Customer(firstName, lastName) {
    this.firstName = firstName;
    this.lastName = lastName;
    this.address = "";
}

Customer.prototype.parseAddress = function (data) {
    this.address = data.address;
}

Customer.prototype.loadAddress = function () {
```

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

- ☐ A. 

```
$.get('data.xml', function (data) {
    (function (scope) {
        scope.parseAddress(data);
    })(data);
});
```
- ☐ B. 

```
$.get('data.xml', function (data, innerScope) {
    innerScope.parseAddress(data);
});
```
- ☐ C. 

```
var that = this;
$.get('data.xml', function (data) {
    that.parseAddress(data);
});
```
- ☐ D. 

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

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

**Answer: C**

**QUESTION 165**



You are developing an HTML5 web page.

The appearance of the text box must change when a user moves the focus to another element on the page.

You need to develop the page to respond to user action.

Which line of code should you use?

- A. `<input type="text" onblur="resetStyle(this);" />`
- B. `<input type="text" onfocus="resetStyle(this);" />`
- C. `<input type="text" onreset="resetStyle(this);" />`
- D. `<input type="text" onselect="resetStyle(this);" />`

**Answer: A**

**Explanation:**

[http://www.w3schools.com/jsref/event\\_onblur.asp](http://www.w3schools.com/jsref/event_onblur.asp)

### QUESTION 166

Drag and Drop Question

You are developing an online shopping application that accepts credit cards for payment.

If the credit card number is invalid, the application must:

- Generate an error
- Assign "200" to the error number
- Assign "Invalid" to the error description

You need to write the code that meets the requirements.

How should you write the code? (To answer, drag the appropriate code segment or segments to the correct location in the answer area. Each code segment 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.)

throw    new    (    ,    );

"Invalid"

200

Error

break

**Answer:**

throw    new    Error    (    200    ,    "Invalid"    );

"Invalid"

200

Error

break

**QUESTION 167**

You are developing an HTML5 page that includes several paragraph elements.

You have the following requirements:

- Add a drop shadow that is one inch below the text in the paragraph
- Set the radius of the drop shadow to five pixels

You need to style the paragraphs to meet the requirements.

Which CSS style should you use?

- A. text-shadow: 72pt 0pt 5pt
- B. text-shadow: 5px 1in 0px;
- C. text-shadow: 72pt 5em 0px
- D. text-shadow: 72pt 0em 5px;

**Answer: B**

**QUESTION 168**

You are creating a web form that users will use to enter their personal information. The form includes the following HTML.

```
<body>
  <table>
    <tr>
      <td>Item</td>
      <td>Input</td>
      <td>Current</td>
    </tr>
    <tr>
      <td>First Name</td>
      <td>
        <input type="text" />
      </td>
      <td></td>
    </tr>
    <tr>
      <td>Last Name</td>
      <td>
        <input type="text" />
      </td>
      <td></td>
    </tr>
  </table>
</body>
```

You have the following requirements:

- When a user enters an input box, the cell on the right must turn green.
- When a user leaves an input box, the cell on the right must turn white.

You need to create the web form to meet these requirements.

Which code segment should you use?

- ☐ A. 

```
$(document).ready(function () {  
    $('table td: nth-child(2) input').focus(  
        function () {  
            $(this).parent().next().css  
                ("background-color", "#00FF00");  
        });  
    $('table td: nth-child(2) input').blur(  
        function () {  
            $(this).parent().next().css  
                ("background-color", "#FFFFFF");  
        });  
    });
```
- ☐ B. 

```
$(document).ready(function () {  
    $('table td: eq(2) input').focus(  
        function () {  
            $(this).parent().parent().next().css  
                ("background-color", "#00FF00");  
        });  
    $('table td: eq(2) input').blur(  
        function () {  
            $(this).parent().parent().next().css  
                ("background-color", "#FFFFFF");  
        });  
    });
```
- ☐ C. 

```
$(document).ready(function () {  
    $('table td:eq(2) input').focus(  
        function () {  
            $(this).parent().next().css  
                ("background-color", "#00FF00");  
        });  
    $('table td:eq(2) input').blur(  
        function () {  
            $(this).parent().next().css  
                ("background-color", "#FFFFFF");  
        });  
    });
```
- ☐ D. 

```
$(document).ready(function () {  
    $('table td:nth-child(2) input').focus(  
        function () {  
            $(this).parent().parent().next().css  
                ("background-color", "#00FF00");  
        });  
    $('table td:nth-child(2) input').blur(  
        function () {  
            $(this).parent().parent().next().css  
                ("background-color", "#FFFFFF");  
        });  
    });
```

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

**Answer: A**

**QUESTION 169**

You are developing a web page. You create a grid layout by using the following CSS segment.

```
#myGrid {  
    display: -ms-grid;  
    background: gray;  
    -ms-grid-columns: 100px 100px;  
    -ms-grid-rows: 50px 50px 50px;  
}
```

You have the following requirements:

- You must place content in the first column of the second row.
- The content must span two columns.

You need to ensure that the style of the grid meets the requirements.

Which CSS segment should you use?

- ☐ A. `#itemSpan {  
    -ms-grid-row: 2;  
    -ms-grid-column: 1;  
    -ms-grid-column-span: 2  
}`
- ☐ B. `#itemSpan {  
    -ms-grid-row: 2;  
    -ms-grid-column: 1;  
    -ms-grid-column-span: initial  
}`
- ☐ C. `#itemSpan {  
    -ms-grid-row: 2;  
    -ms-grid-column: 1;  
    -ms-grid-column-width: 2;  
}`
- ☐ D. `#itemSpan {  
    -ms-grid-row: 2;  
    -ms-grid-column: 1;  
    -ms-grid-column-span: inherit  
}`

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

**Answer: A**

**QUESTION 170**

Drag and Drop Question

You are creating an application by using HTML5 and CSS3. The styles for the pages are derived from five style sheets.

The styles are not being applied correctly to the pages in the application.

You need to apply the styles from highest priority to lowest priority.

In which order should you use the five style sheets? (To answer, move the style sheet types from the list of style sheet types to the answer area and arrange them in the correct order.)

user important style sheets

user normal style sheets

author normal style sheets

user agent style sheets

author important style sheets

**Answer:**

user important style sheets

user normal style sheets

author normal style sheets

user agent style sheets

author important style sheets

user important style sheets

author important style sheets

author normal style sheets

user normal style sheets

user agent style sheets

**QUESTION 171**

You are developing a web page by using HTML5.

You have the following requirements:

- An H1 element must be placed at the top left corner of the page.
- The size and location of the H1 element must not change if additional elements are added to the page.

You need to position the H1 element on the page.

Which CSS3 style should you use?

☐ A. 

```
h1
{
    position:absolute;
    left:0px;
    top:0px;
}
```

☐ C. 

```
h1
{
    position:static;
    left:100%;
    top:100%;
}
```

☐ B. 

```
h1
{
    position:absolute;
    left:100%;
    top:100%;
}
```

☐ D. 

```
h1
{
    position:static;
    left:0px;
    top:0px;
}
```

A. Option A

B. Option B



- C. Option C
- D. Option D

**Answer: A**

**QUESTION 172**

You are styling a box object on a page by using CSS3.

You need to set the transparency of the object to 50%.

Which two CSS3 styles will achieve the goal? (Each correct answer presents a complete solution. Choose two.)

- ☐ A. 

```
.Box {  
    background: rgb(255,0,0);  
    backface-visibility: hidden;  
}
```
- ☐ B. 

```
.Box {  
    background: rgb(255,0,0);  
    background: rgba(255,0,0,.5);  
}
```
- ☐ C. 

```
.Box {  
    background: rgb(255,0,0);  
    opacity: 0.5;  
}
```
- ☐ D. 

```
.Box {  
    background: rgb(255,0,0);  
    background-color: #fff;  
}
```

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

**Answer: BC**

**QUESTION 173**

Drag and Drop Question

You are developing a web application that retrieves data from a web service. The data being retrieved is a custom binary datatype named bint. The data can also be represented in XML.

Two existing methods named parseXml() and parseBint() are defined on the page.

The application must:

- Retrieve and parse data from the web service by using binary format if possible
- Retrieve and parse the data from the web service by using XML when

binary format is not possible

You need to develop the application to meet the requirements.

What should you do? (To answer, drag the appropriate code segment to the correct location. Each code segment 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.)

if (request.getResponseHeader("Content-Type") == "application/bint")

if (type == "application/bint")

if (request.mimeType == "application/bint")

accepts: 'application/bint, text/xml',

contentType: 'application/bint, text/xml',

dataType: 'application/bint, text/xml',

```
var request = $.ajax({
  uri: '/',
  dataFilter: function (data, type) {
    return parseBint(data);
  },
  success: function (data) {
    start(data);
  }
});
```

**Answer:**

```
if (request.getResponseHeader("Content-Type") == "application/bint")
```

```
if (type == "application/bint")
```

```
if (request.mimeType == "application/bint")
```

```
accepts: 'application/bint, text/xml',
```

```
contentType: 'application/bint, text/xml',
```

```
dataType: 'application/bint, text/xml',
```

```
var request = $.ajax({  
  uri: '/',  
  accepts: 'application/bint, text/xml',  
  dataFilter: function (data, type) {
```

```
    if (request.getResponseHeader("Content-Type") == "application/bint")
```

```
      return parseBint(data);  
    else  
      return parseXml(data);  
  },  
  success: function (data) {  
    start(data);  
  }  
});
```

#### QUESTION 174

You are developing a customer web form that includes following HTML.

```
<input id="txtValue"/>
```

You need to develop the form so that customers can enter only a valid country code consisting of three English alphabet characters.

Which code segment should you use?

- ☐ A. 

```
function validate() {  
    var name = $("#txtValue").text();  
    if (name == null || name == "")  
        alert("please enter valid value");  
    return;  
}
```
- ☐ B. 

```
function validate() {  
    var value = $("#txtValue").text();  
    var regex = /^[d\,\.\,]*$/;  
    if (!regex.test(value) || name == "")  
        alert("please enter valid value");  
    return;  
}
```
- ☐ C. 

```
function validate() {  
    var value = $("#txtValue").val();  
    var regex = /^[A-Za-z]{3}/;  
    if (!regex.test(value) || value == "")  
        alert("please enter valid value");  
    return;  
}
```
- ☐ D. 

```
function validate() {  
    var name = $("#txtValue").val();  
    if (name == null || name == "")  
        alert("please enter valid value");  
    return;  
}
```

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

**Answer: C**

**QUESTION 175**

You are developing an application that consumes an external web service that returns the latest stock rate.

The application has two methods:

The `getResults()` method makes an AJAX web service request The `ShowRate()` method displays the stock rate from the web service response

You need to ensure that the `ShowRate()` method always displays the latest stock rate.

Which code segment should you use?

☐ A. 

```
function getResults(){
$.ajax({
  type: 'POST',
  cache:true,
  url: "StockRates.asmx/GetRate",
  data: { 'StockName': stockName }
  dataType: 'json',
  success: function (result) {
    stockRate = result;
  });
  ShowRate();
}

function ShowRate() {
  alert(stockRate);
}
```

☐ B. 

```
var stockRate;
function getResults(){
$.ajax({
  async: false,
  type: 'POST',
  url: "StockRates.asmx/GetRate",
  data: { 'StockName': stockName },
  dataType: 'json',
  success: function (result) {
    stockRate = result;
  });
  ShowRate();
}

function ShowRate() {
  alert(stockRate);
}
```

☐ C. 

```
var stockRate;
function getResults(){
$.ajax({
  async: true,
  type: 'POST',
  url: "StockRates.asmx/GetRate",
  data: { 'StockName': stockName },
  dataType: 'json',
  success: function (result) {
    stockRate = result;
  });
  ShowRate();
}

function ShowRate() {
  alert(stockRate);
}
```

☐ D. 

```
var stockRate;
function getResults(){
$.ajax({
  async: false,
  cache:false,
  type: 'POST',
  url: "StockRates.asmx/GetRate",
  data: { 'StockName': stockName },
  dataType: 'json',
  success: function (result) {
    stockRate = result;
  });
  ShowRate();
}

function ShowRate() {
  alert(stockRate);
}
```

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

**Answer: D**

#### QUESTION 176

Drag and Drop Question

You are developing an application that reads information from a file.

The application must:

- Execute a block of code if there is an error accessing the file
- Execute a second block of code whether or not there is an error accessing the file

You need to ensure that the error handling requirements are met.

Which three statements should you implement in sequence? (To answer, move the appropriate statements from the list of actions to the answer area and arrange them in the correct order.)



catch(e)
debug
throw
try
finally

**Answer:**

catch(e)	try
debug	catch(e)
throw	finally
try	
finally	

**QUESTION 177**

Hotspot Question

You are developing an online shopping application that accepts credit cards for payment.

If the credit card number is invalid, the application must:

- Generate an error
- Assign "200" to the error number
- Assign "Invalid" to the error description

You need to write the code that meets the requirements.

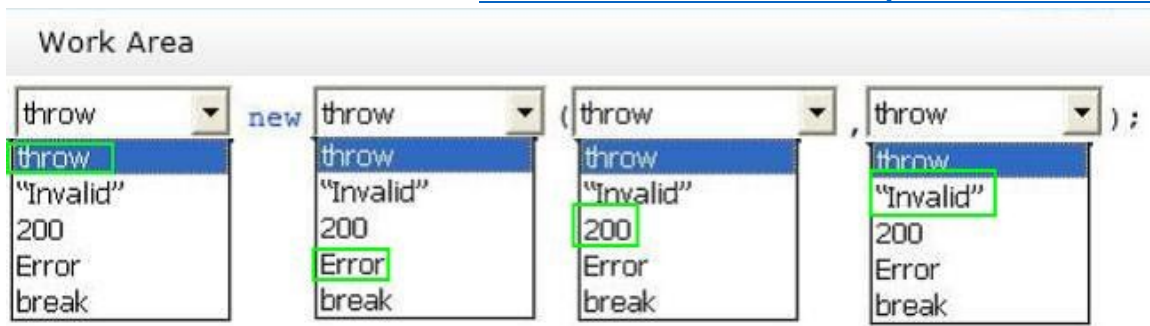
How should you write the code? (To answer, select the appropriate option from the drop- down list in the answer area.)

Work Area

throw	new	throw	(	throw	,	throw	)	;
throw		throw		throw		throw		
"Invalid"		"Invalid"		"Invalid"		"Invalid"		
200		200		200		200		
Error		Error		Error		Error		
break		break		break		break		

**Answer:**





### QUESTION 178

You are creating a JavaScript function to display the current version of a web application. You declare a button as follows.

```
<input type="button" id="About" value="About" />
```

You need to create an event handler for the button by using an anonymous function. Which code segment should you use?

- ☐ A. 

```
var button = document.getElementById("About");
button.addEventListener('click', function { alert("Version 2.1.0") } );
```
- ☐ B. 

```
var button = document.getElementById("About");
button.addEventListener('click', function (alert("Version 2.1.0") ) );
```
- ☐ C. 

```
var button = document.getElementById("About");
button.addEventListener('click', function () { alert("Version 2.1.0") } );
```
- ☐ D. 

```
var button = document.getElementById("About");
button.addEventListener('click', alert("Version 2.1.0") );
```

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

**Answer: C**

### QUESTION 179

Drag and Drop Question

You are creating a function by using JavaScript. The function accepts an object as the parameter and returns a string that identifies the data type of the object.

You have the following requirements:

- The function must return "Number" if the object is a number
- The function must return "String" if the object is a string
- The function must return "Unknown" if the object is neither a number nor a string

You need to implement the function to meet the requirements.

How should you build the code segment? (To answer, drag the appropriate word to the correct location in the code segment. Each word 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.)

```
function GetObjectType(obj) {  
    (obj.constructor) {  
        Number:  
            return "Number";  
        ;  
        String:  
            return "String";  
        ;  
        :  
            return "Unknown";  
    }  
}
```

**Answer:**

```
function GetObjectType(obj) {  
    switch (obj.constructor) {  
        case Number:  
            return "Number";  
            break ;  
        case String:  
            return "String";  
            break ;  
        default :  
            return "Unknown";  
    }  
}
```

**QUESTION 180**

You are testing the value of the following variable in JavaScript.

```
var height = "300";
```

A block of code must execute if the following conditions are true:

- The height variable is set to 300
- The height variable is of type string

You need to implement the code to run the test.

Which line of code should you use?

- A. if (height == 300)
- B. if (height == "300")
- C. if (height != "300")
- D. if (height != 300)

**Answer: B**

**Explanation:**

Use == to test for equality.

Use "300" to test for the string.

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