

CS-311

Quiz No.01,02

Quiz by Attiq Kundi

SUBSCRIBE "[Knowledge For Us](#)" ON YOU TUBE

100 % CORRECT MCSQ

AND Many MoRe

CS-311

Updated on 07-06-2023

All nodes have _____ parent node.

exactly one

The _____ method returns the value of an attribute.

getAttribute()

All modern browsers support the _____ specification.

W3C DOM

Why we used setAttribute() method ?

to change an attribute value

Traversing means _____ through or traveling across the node tree.

looping

XML DOM Properties These are some typical DOM properties:

- **x.nodeName** - the name of x
- **x.nodeValue** - the value of x
- **x.parentNode** - the parent node of x
- **x.childNodes** - the child nodes of x
- **x.attributes** - the attributes nodes of x In the list above, x is a node object.

Advantages

- XML DOM is **language and platform independent.**
- XML DOM is **traversable** - Information in XML DOM is organized in a hierarchy which allows developer to navigate around the hierarchy looking for specific information.
- XML DOM is **modifiable** - It is dynamic in nature providing developer a scope to add, edit, move or remove nodes at any point on the tree.

The ? sign in the example above declares that the child element "message" can occur **zero**

or one time inside the "note" element.

The * sign in the example above declares that the child element "message" can occur **zero or more** times inside the "note" element.

Element nodes do not have a _____ value.

Text

the cloneNode() method has a parameter :

True or False

for all XML processors which encoding must be supported?

UTF-16

which one of the following is recommended language to style XML elements?

XSLT

_____ is used for navigation in XML documents.

XPoiner

the operational speed of XML DOM, compared to SAX is:

slower

replaceData() method has _____ parameters :

3

which one is correct syntax to declare zero or one occurrences of child element "message":

<!ELEMENT note (message?)>

An XML file which contains correct syntax is called a _____ XML file.

Well Formed

which one of the following languages used access and manipulate methods and properties of objects?

JavaScript

Elements with only parsed character data are declared with _____ inside

parantheses.

#PCDATA

Which of the following is representing the empty element tag?

Both <person></person>

the attributes property of an element node returns a list of attribute nodes. This is called a named _____ .

Node map

the _____ element is the root element of every XML Schema?

<schema>

in XML schema _____ is used to indicate child elements in an element.

ComplexType

what is the description of the attribute-type NMTOKEN.

The value is a valid XML name

DOM stands for

Document Object Model

The term CDATA is used about _____ data that ushould not be parsed **by the XML parser.**

Text

Node object can have _____

only one parent node object

what does XML stand for?

Extensible Markup language

XML does not help to simplify data _____

Stylish

getElementsByTagName() method is used to access a _____

Node

Xpath is used to navigate through

Elements and attributes

DOM is separated into _____ - different parts

3

Attributes are always placed inside the _____ of an element.

Opening tag

Which of the following string is a correct XML element name?

_myElement

Nodes in the node list are accessed with index numbers starting from _

0

During a server request, the readyState = 3 means:

Processing request

_____ evaluates XML document as DOM structure.

Parser

The _____ method can be used to remove the specified node.

removeChild()

Converting a java object into an XML file is called _____.

Marshalling

In SAX parsing, which of the following method is used to read contents?

characters()

Which component of the following JDOM Parser represents comments in a XML document?

Comment

Which of the following is true about JDOM Parser?

JDOM is an open source, java based library to parse XML document
JDOM is typically java developer friendly API

Both of the above

In which scenario(s), you will use a JDOM Parser?

You need to use the information in the document more than once.
You are java developer and want to leverage java optimized parsing of XML.

Both the above

Which of the following method get called at the beginning of a document in SAX parsing?

startDocument()

Which of the following statement(s) is/are true about SAX parsing?

SAX parser reads an XML document from top bottom, recognizing the tokens that makeup a well-formed XML document.

SAX parser reports the application program the nature of tokens that the parser has encountered as they occur.

The application program provides an event handler that must be registered with the parser.

All of the given options

Which of the following method get called at the end of a document in SAX parsing?

endDocument()

Converting an XML content into a Java Object is called _____.

Un-Marshalling

If the node type is _____ it is an element node

1

The entity reference < represents _____ character.

&

XPATH is an expression which can be used in _____.

Navigate

In context of XML DOM, each node is a(n) _____

Representing a part of the document Google

When a node is removed,-----?

Removed Child()

An XML document is called well-formed document if

"adheres to the syntax rules specified by the XML 1.0 specification in that it must satisfy both physical and logical structures".

----- provides extra information about XML elements.?

Attributes

_____ is used to transform an XML document into another XML or HTML document.?

XSLT

Whenever we access the nodes in the node tree via the relationship between these nodes, is called _____.

Navigating Nodes

The _____ property of a node list is the number of nodes in the list.

Length

which of the following is not the building block of xml documents?

DTD

In XML the term PCDATA Stands for_____.

Parsed Character Data

In a DTD, attributes are declared with an_____declaration.

ATTLIST

Which one is used to add unique label to an element?

Attributes

Which of the following is used to request data from a server?

XML Http Request Object

CDATA Stands for_____.

Character Data

The ? sign in the example above declares that the child element "message" can occur____or____time inside the "note" element.

zero or one time

XPointer is the short name for the

Base Pointer

Which property of XML document represents the root node?

The document Element property Google

Name conflicts in XML elements can easily be avoided using _

Name prefix

Use_____keyword if you don't have an option for a default value ,but still want to force the attribute to be present.

#REQUIRED

Which of the following specifies the type of node?

Node type

If the DTD is pointing to_____then it is called External Subset.

External Subset

A servlet life cycle can be defined as the entire process from its creation till the_____.

Destruction

XML often contains new line, or_____space characters, between nodes.

White

XML files can be stored on an Internet server exactly the same way as _files.

HTML

How many types of cookies are in servlets? CS311

2

For all XML documents, which of the following is true?

All XML elements must have a closing tag.

For each question, choose the best choice out of the given choices. What does XML stand for?

eXtensible Markup Language

XML's goal is to replace HTML

False

What does DTD stand for?

Document Type Definition

Is this a correct XML document?

```
<?xml version="1.0"?>
```

```
<to>Students</to>
```

```
<from>Teacher</from>
```

```
<heading>Reminder</heading>
```

```
<body>We are at Software Park, Thailand</body>
```

No

Which statement is true?

All XML elements must have a closing tag

Which statement is true?

XML tags are case sensitive

XML elements must be properly nested

XML documents must have the root element

All the statements are true

XML preserves white spaces

True

Is this a correct XML document?

```
<?xml version="1.0"?>
```

```
<note>
```

```
<to age=19>Students</to>
```

```
<from>Teacher</from>
```

```
</note>
```

No

XML elements cannot be empty

False

Which is not a correct name for an XML element?

<1dollar>

Which is not a correct name for an XML element?

<first name>

Which is not a correct name for an XML element?

<xmldocument>

For the XML parser to ignore a certain section of your XML document, which syntax is correct?

<![CDATA[Text to be ignored]]>

XML is a subset of SGML

True

XML attributes must be in double quotes

False

XML attributes must be assigned values

True

The Document Type Definition must be stored in an external file

False

What can XML do?

The standard for automating data exchange between systems

Which is false?

XML is used to describe only structured data

XML is used to only on the Internet

XML is used to represent only simple data

All of the above

Which of the following comments are not well formed?

<!-- declaration — 10.27.2004 -->

Which method does SAX use for processing XML documents?

Event Based

Which method does DOM use for processing XML documents?

Tree based

Which interfaces are part of the SAX2 API?

ContentHandler, ErrorHandler, DTDHandler, EntityResolver

Which is the best description of the “characters()” method?

a method of the SAX ContentHandler interface to receive notification

An XML document to be processed is very large. The application extracts a small portion of the information from the document. Memory and speed may be constraints. Which method or methods are most appropriate for this situation?

Use SAX

When you construct an XML using a DOM enabled Parser, the same parser should be used to process back

the XML document when the process involves legacy applications, otherwise it is not necessary to do so.

This statement is not a correct one, because DOM is constructed using IDL.

When Processing Instructions are a part of your parsing process, DOM should be used,

since SAX cannot be used to detect a Processing Instruction in a document.

true

Consider a system which is memory & speed constraint. The application is to process XML documents, sort the contents and mail them to a higher configuration machine for transformation. Which is the best approach?

Use DOM based approach.

When receiving documents from a non-trusted agent, the best way to process the documents is:

Use SAX

Use DOM

Both can be used here.

Both can be used but validity is an issue here.

In DOM, the Document interface is the only interface that allows you to create other DOM document components.

true

XSLT is essentially a tool for translating what kind of documents?

XML

Use of SAX based parser is most likely to be used in which of the following scenarios?

You want to process the document in a sequential order only.

DOM can be used to process HTML documents.

true

What error types does the SAX2 ErrorHandler interface handle?

warning, error, fatal-error

A DOM-based parser should be used for which of the following situations?

Need to have random access to the components of the XML document

CS-311

MID-Term

Quiz by Attiq Kundi

SUBSCRIBE ["Knowledge For Us"](#) **ON YOU TUBE**

100 % CORRECT MCSQ

AND Many MoRe

CS311

by Attiq Kundi