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Dynamic Web 1

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Questions week #10

1. Document.createElement() creates an HTML element on the DOM. It creates a HTML element on the page specified by a tagName or a HTMLUnknownElement if a tagName is not recognized. The Syntax is const element = document.createElement (nodeName);. The Parameters are nodeName (type String); Required. Make the name of the element you want to create and the return value: a new Element. A code example is function createNode (element) { return document.createElement(element);
2. Element.setAttribute. this method sets the value of an attribute on the specified element. If the attribute already exists, the value is updated. Otherwise, a new attribute is added with the specified name and value. The Syntax is: Element.setAttribute(name, value);. The Parameters are; A DOMString specifying the name of the attribute whose value is to be set. The attribute name is automatically converted to all lower-case when setAttribute() is called on an HTML element residing in an HTML document. The exceptions are InvalidCharacterError: The specified attribute name contains one or more characters which are not valid in attribute names. A code Example is img.setAttribute('src', `${imageUrl}`);.
3. appendChild() is a method of the Node interface. It is an interface that is implemented by a large number of objects, including document, for example A node, then, in the context of the DOM, means any object that implements the Node interface. Usually it is an element object representing an HTML element. The permaters are This method accepts single parameter node which is mandatory and used to specify the node object which need to append. The returned value is the appended child (aChild), except when aChild is a DocumentFragment, in which case the empty DocumentFragment is returned. A example is: return monsters.map((monster) => {

console.log(monster) let li = createNode('li') let img = createNode('img') let div = createNode('div') const imageUrl = `https://robohash.org/${monster.id}?set=set3&size=300x300`

img.src = `${imageUrl}` div.innerHTML = `${monster.name} ${monster.email}<br/>

${monster.address.street} ${monster.address.suite}<br/> ${monster.address.city} ${monster.address.zipcode}` append(li, img) append(li, div) append(ul, li)})

1. The appendChild() method allows you to add a node to the end of the list of child nodes of a specified parent node. The syntax is parentNode.appendChild(childNode);. The parameters are childNode: The node to append to the given parent node (commonly an element). Return value is the appended child (nodeChild) the childNode is the node to append to the given parent node. The appendChild() method returns the appended child.
2. Code Example 1: const header = document.createElement("header"); const headerTextNode = document.createTextNode("Come Fetch Your Monsters!");header.appendChild(headerTextNode);. Code Example 2: function myFunction() {var t = document.createTextNode("Hello World"); document.body.appendChild(t); }. Code Example 3: function myFunction() { var node = document.createElement("LI"); var textnode = document.createTextNode("Water"); node.appendChild(textnode); document.getElementById("myList").appendChild(node);}
3. .innerHTML property or .textContent property. The Differences between the 2 are innerText is roughly what you would get if you selected the text and copied it. Elements that are not rendered are not present in innerText. textContent is a concatenation of the values of all TextNodes in the sub-tree. Whether rendered or not.
4. .textNode is preferable over .innerHTML when you may want to display some text without the security risks that it might contain other markup that the browser would parse and interpret if you used.
5. The appending order is not important because
6. The return statement terminates the execution of a function and returns control to the calling function. Execution resumes in the calling function at the point immediately following the call.
7. Still trying to figure out how to get my google Chrom because it’s not working I have been on the phone all day to figure it out.
8. Same thing as 10.