Question	Position Number	Sub-Question	Answer Option	Correct Answer
Simon has used the following sequence of keyboard shortcuts on his Mac. Match each keyboard shortcut to the action that Simon performed.	1	Command + A	Selected all items.	Selected all items.
			Copied an item to the clipboard.	
			Switched to a new app.	
	2	Command + C	Selected all items.	Copied an item to the clipboard.
			Copied an item to the clipboard.	
			Switched to a new app.	
	3	Command + Tab	Selected all items.	Switched to a new app.
			Copied an item to the clipboard.	
			Switched to a new app.	
In the terminal, the command cd Desktop/willow will:	n/a	n/a	a. Change the current working directory to Desktop/willow	a. Change the current working directory to Desktop/willow
			b. Display 'command not found' as cd is not a valid command	
			c. Print the contents of home/willow in the terminal	
			d. Create a folder called willow and navigate into it in the terminal	
In the terminal, the command pwd will:	n/a	n/a	a. Display 'command not found' as pwd is not a valid command.	c. Print the current working directory in the terminal.
			b. List the contents of the current working directory.	
			c. Print the current working directory in the terminal.	
			d. Change the current working directory to the default home.	
In Miyuki's home directory, there is currently a folder called 'funny'. Using Terminal, Miyuki wants to: Switch to her home directory Create a folder called 'jokes' Copy everything from 'funny' into 'jokes' Look in 'jokes' to make sure everything copied.	n/a	n/a	a. cd ~mkdir jokescp -r funny jokescd jokesls	a. cd ~mkdir jokescp -r funny jokescd jokesls
			b. cd homemkdir jokescp funny jokescd jokesls	
			c. cd ~makedir jokescopy -r funny jokescd jokesls	
			d. cd homemkdir jokescp -r funny jokesls	
			n/a	
Simon has been instructed to clone a new repository from GitHub. Before he does that, he clicks on his terminal and types in the command git status. The terminal returns the following: <http://app.schoology.com/system/files/%252Fsystem/files/attachments/page_embeds/m/2017-03/Screen_Shot_2017-03-24_at_10.24.12_AM_58d52c1d63758.png> To stage and commit only changes made	n/a	n/a	a. git add .git commit -m 'Initial changes to index.html'	b. git add index.html git commit -m 'Initial changes to index.html'
			b. git add index.html git commit -m 'Initial changes to index.html'	
			c. git add git commit -m 'index.html'	
			d. git add -a git commit -m 'index.html'	
Given the following HTML: <http://app.schoology.com/system/files/%252Fsystem/files/attachments/page_embeds/m/2017-05/Screen_Shot_2017-05-12_at_3.42.48_PM_591610498969b.png> How could Pari change the URL link to "https://newurl.com" using the DOM?	n/a	n/a	a. document.getElementsByTagName('a')[0].setAttribute('href', 'http://newurl.com');	a. document.getElementsByTagName('a')[0].setAttribute('href', 'http://newurl.com');
			b. document.getElementsByTagName('a').removeAttribute('href').setAttribute('http://newurl.com');	
			c. document.querySelector('.Unsplash')[0].setAttribute('http://newurl.com');	
			d. document.getElementsByTagName('a').setAttribute('http://newurl.com', `href`);	
			n/a	

Yen has a shopping list in her website:<http://app.schoology.com/system/files/%252Fsystem/files/attachments/page_embeds/m/2017-05/Screen_Shot_2017-05-12_at_3.52.40_PM_591612a1cc6bc.png>
She's realized that she will need to add milk to the list after the page loads, using JavaScript. How could she do this?
	n/a	n/a	a. var newListItem = document.createElement('li');
			newListItem.textContent = 'milk';
			document.getElementsByTagName('ul')[0].appendChild(newListItem);
				a. var newListItem = document.createElement('li');newListItem.textContent = 'milk';document.getElementsByTagName('ul')[0].appendChild(newListItem);

			b. var newListItem = document.createElement('li','milk'); document.getElementsByTagName('ul').appendChild(newListItem);	
			c. var newListItem = document.createElement('milk'); document.getElementsByTagName('ul')[0].appendChild(newListItem);	
			d. var newListItem = document.createElement('li').textContent = 'milk'; document.getElementsByTagName('ul').appendChild(newListItem);	
Simon has been instructed to download a new codebase from GitHub located at the following URL: https://github.com/ga-students/homework-one. The codebase has a homework problem located in the index.html file, and he needs to store his solution on his GitHub account. Using the steps below, arrange the actions in the order in which Simon should perform them, with the first action beginning with 1.	n/a	n/a	1/6 in a row	1. On GitHub, create a Fork of https://github.com/ga-students/homework-one, 2. In the terminal, type git clone https://github.com/simon/homework-one, 3. In a text editor, make changes to index.html, 4. In the terminal, enter git add index.html, 5. In the terminal, enter git commit -m 'Completed problem 1 in index.html', 6. In the terminal, type git push origin master
			2/6 in a row	
			3/6 in a row	
			4/6 in a row	
			5/6 in a row	
			6/6 in a row	
Assuming no data is stored in the browser, according to the Mozilla Developer Network documentation below, which of the following syntaxes would successfully open a prompt dialogue in the browser when executed? <http://app.schoology.com/system/files/%252Fsystem/files/attachments/page_embeds/m/2017-03/Screen_Shot_2017-03-22_at_1.38.50_PM_58d2b6bd635e9.png>	n/a	n/a	a. window.prompt message, default;	d. window.prompt('What would you like to eat?', 'A hamburger');
			b. window.prompt(message, default);	
			c. window.prompt 'What would you like to eat?', 'A hamburger';	
			d. window.prompt('What would you like to eat?', 'A hamburger');	
Given the following HTML and CSS code, what color will the word "Soup" be on the page? HTML <li class="items" id="vegetarian">Soup! CSS #vegetarian { color: #00AA23;}.items { color: #00A6B3;} li { color: #11A6B3;} ul, ol { color: #0521B3;}	n/a	n/a	a. #00AA23	a. #00AA23
			b. #00A6B3	
			c. #11A6B3	
			d. #0521B3	
Consider the following HTML:<body> A B C			a. C, D, A, B, E	c. C, D, E, B, A

D E </body>Suppose that the divs containing the letters A and B are floated right and the divs containing the letters C, D, and E are floated left. Assuming that the divs' dimensions are all 100x100 pixels and that the page is more than 800 pixels wide, in what order (from left to right) would these divs be arranged on the page?			b. A, B, D, E, C	
			c. C, D, E, B, A	
			d. C, A, B, D, E	
	n/a	n/a	e. E, D, C, A, B	
Consider two adjacent divs with the following CSS properties: height: 100px;width: 100px;padding: 10px 20px;border: 5px solid #555;margin: 20px 10px 10px 20px;float: left; In pixels, how far is the right edge of the right div's content from the left edge of the left div's content? (Hint: Drawing a picture may help.)			a. 420px	b. 280px
			b. 280px	
			c. 350px	
	n/a	n/a	d. 100px	
Sarah has defined the following function: <http://app.schoology.com/system/files/%252Fsystem/files/attachments/page_embeds/m/2017-03/Screen_Shot_2017-03-24_at_11.39.12_AM_58d53dc74b5f3.png> If Sarah has a DOM element stored in a variable called button, how would Sarah make clicking the button call alertUser?			a. button.addEventListener('click', alertUser);	a. button.addEventListener('click', alertUser);
			b. button.addEventListener(alertUser, 'click');	
			c. alertUser.addEventListener(button, 'click');	
	n/a	n/a	d. alertUser.addEventListener('click', button);	
A would-be hacker decides that it'd be a funny trick to change the CSS styling of the Google homepage so that the background is black, and that the Google logo is replaced by a picture of a tortoise. They download Google's source code and change it locally. Once they're done adding the tortoise, they send a message to their friends on IRC (because only real hackers use IRC) explaining what they've done. However, when the hacker's friends visit the Google homepage, they can't see any sign of the changes.			a. Because the hacker didn't save their changes in the fork.	b. Because the hacker only edited the HTML and CSS files on their own computer; when their friends went to Google.com, they got fresh copies of the page from the Google server.
			b. Because the hacker only edited the HTML and CSS files on their own computer; when their friends went to Google.com, they got fresh copies of the page from the Google server.	
			c. Because the hacker's changes hadn't yet propagated through Google's systems.	
	n/a	n/a	d. Because the Google team caught the changes and undid them.	
Complete the following sentence using the word bank. The _ repository is contained on the student?s machine while the _ repository is located on GitHub?s servers.			local	local
			client	
	1	n/a	LOCAL	
			remote	remote
			host	
			server	
			HOST	
	2	n/a	client	
Sarah has defined an object with the following properties: var myBicycle = { color: "brown", model: "DL165", make: "Raleigh Competition", year: 1976 }; Which of the following should Sarah use to retrieve the color property of the object?			a. myBicycle(color);	d. myBicycle.color;
			b. myBicycle.color();	
			c. myBicycle[color];	
	n/a	n/a	d. myBicycle.color;	
Consider the array: var characters = ['Darth Vader', 'Princess Leia', 'Han Solo', 'Luke Skywalker']; Which of the following syntaxes would return ?Darth Vader??			a. characters[1]	c. characters[0]
			b. characters[Darth Vader]	
			c. characters[0]	
	n/a	n/a	d. characters['Darth Vader']	
Consider the array: var characters = ['Darth Vader', 'Princess Leia', 'Han Solo', 'Luke Skywalker']; Which of the following syntaxes would delete all elements of the array?			a. while (characters.length = 0) { characters.pop(); }	b. while (characters.length > 0) { characters.pop(); }
			b. while (characters.length > 0) { characters.pop(); }	
			c. while (characters[length] > 0) { characters.pop();}	
	n/a	n/a	d. while (characters.length >= 0) { characters.pop(); }	
Consider the array: var characters = ['Darth Vader', 'Princess Leia', 'Han Solo', 'Luke Skywalker']; Which of the following syntaxes would print each element of the array to the console?			a. var length = characters.length;for (var i = 0; i < length; i += 1) { console.log(characters[i]);}	a. var length = characters.length;for (var i = 0; i < length; i += 1) { console.log (characters[i]);}
			b. length = characters.length;for (i = 0; i < length) { console.log(characters[i]);}	
			c. var length = characters.length;for (var i = 0; i += 1) { console.log(characters[i]);}	
	n/a	n/a	d. for (var i = 0; i += 1) { console.log(characters[i]);}	
Which is the best syntax for storing an object in a variable?			a. var artist = { firstName: "Michael", lastName: "Jackson" };	a. var artist = { firstName: "Michael", lastName: "Jackson" };
			b. artist = { firstName: "Michael", lastName: "Jackson"};	
			c. var artist = { firstName("Michael"), lastName("Jackson") };	
	n/a	n/a	d. artist = { firstName = "Michael", lastName = "Jackson" };	
Consider the code sample below. var sum = function (x, y) { return x + y; var totalSum = 8;};var totalSum = sum(3, 4); What value will the variable totalSum hold after this code is executed?			a. 7	a. 7
			b. 8	
			c. 15	
	n/a	n/a	d. 'sum(3,4)'	
Which of the following is the correct way to define and call a function with parameters?			a. var haveFruit = function (type, pieces) { console.log(pieces + " of " + type + " please.");}; haveFruit("apple", 3);	a. var haveFruit = function (type, pieces) { console.log(pieces + " of " + type + " please.");};haveFruit("apple", 3);
			b. function haveFruit (type, pieces) { console.log(pieces + " of " + type + " please.");};haveFruit;	
			c. var haveFruit = function (type, pieces) { console.log(pieces + " of " + type + " please.");}; function haveFruit("apple", 3);	
			d. var haveFruit (type, pieces) { console.log(pieces + " of " + type + " please.");};function("apple", 3);	
	n/a	n/a	n/a	

Which of the following is the correct way to define and call the sayHello function using a function expression?			a. var sayHello = function () { console.log('Hey!');};sayHello();	a. var sayHello = function () { console.log('Hey!');};sayHello();
			b. function sayHello () { console.log('Hey!');};sayHello();	
			c. var sayHello = function () { console.log('Hey!');};sayHello;	
			d. sayHello;function sayHello () { console.log('Hey!');};	
	n/a	n/a	n/a	
Which of the following best describes these two statements? x = 7; x === 7;			a. x = 7; assigns the variable x to hold the value 7, while x===7; checks if the variable x is equal to the number 7.	a. x = 7; assigns the variable x to hold the value 7, while x===7; checks if the variable x is equal to the number 7.
			b. x === 7; assigns the variable x to hold the value 7, while x=7; checks if the variable x is equal to the number 7.	
			c. Both assign the variable x to hold the value 7.	
	n/a	n/a	d. Both check if the variable x is equal to the number 7.	
You have a function that decides whether you're buying ice cream. You want it to return true if the store is open. The store is open if: The store is never open when it's snowing (weather is not snow) The store has different hours depending on the day. If the day is either Saturday or Sunday, and the time (hour) is between 10am (10) and 3pm (15) If the day is any other day, the hour the store is open is between 9am (9) and 5pm (17). How would you write this?			a. var isStoreOpen = function(hour, day, weather) { return weather!=="snow" && (((day === "Saturday" || day ==="Sunday") && hour >= 10 && hour < 15) || (hour >= 9 && hour < 17)); };	a. var isStoreOpen = function(hour, day, weather) { return weather!=="snow" && (((day === "Saturday" || day ==="Sunday") && hour >= 10 && hour < 15) || (hour >= 9 && hour < 17)); };
			b. var isStoreOpen = function(hour, day, weather) { return weather!=="snow" || (((day === "Saturday" || day ==="Sunday") && hour >= 10 && hour < 15) || (hour >= 9 && hour < 17)); };	
			c. var isStoreOpen = function(hour, day, weather) { return weather!=="snow" && (((day === "Saturday" || day ==="Sunday" || hour >= 10 && hour < 15) || (hour >= 9 && hour < 17)); };	
			d. var isStoreOpen = function(hour, day, weather) { return weather!=="snow" || (((day === "Saturday" || day ==="Sunday" && hour >= 10 && hour < 15) || (hour >= 9 && hour < 17)); };	
	n/a	n/a	n/a	
Consider the following code sample: var muffins = 15;if (muffins > 20) { console.log(?I?m going to need a bigger plate");} else if (muffins > 10) { console.log("I should probably go the gym after this.");} else { console.log("Who ate the muffins?");} Which of the following will be logged to the console?			a. "I should probably go the gym after this."	a. "I should probably go the gym after this."
			b. "I'm going to need a bigger plate"	
			c. "Who ate the muffins?"	
	n/a	n/a	d. 15	
What value will 'myVariable' hold at the end of this code? var myVariable = 10; myVariable += 20;myVariable = 16;myVariable = myVariable * 2;			a. 32	a. 32
			b. 92	
			c. 46,46	
	n/a	n/a	d. 10,20,16,10,20,16	
Which of the following statements is not equivalent to the statement: 'There exists either a designer or a mathematician who knows both linear algebra and Photoshop.'			a. There exists a person who is a designer and who knows both linear algebra and Photoshop or there exists a person who is a mathematician and who knows both linear algebra and Photoshop.	b. There exists a person who is a designer or there exists a person who is a mathematician who knows linear algebra or who knows Photoshop.
			b. There exists a person who is a designer or there exists a person who is a mathematician who knows linear algebra or who knows Photoshop.	
			c. There exists a person who is a designer and who knows both linear algebra and Photoshop or there exists a mathematician who knows both linear algebra and Photoshop.	
	n/a	n/a	d. There exists a designer who knows both linear algebra and Photoshop or there exists a person who is a mathematician who knows both linear algebra and Photoshop.	
Which of the following object declarations is correct?			a. var wonderWoman = { father: "Zeus", team: "the Justice League", tool: "Lasso of Truth", fightEvil: function () { console.log("With my " + this.tool + " you will confess your crimes to " + this.team); }};	a. var wonderWoman = { father: "Zeus", team: "the Justice League", tool: "Lasso of Truth", fightEvil: function () { console.log("With my " + this.tool + " you will confess your crimes to " + this.team); }};
			b. var wonderWoman = { father: "Zeus", team: "the Justice League", tool: "Lasso of Truth", fightEvil: function { console.log("With my " + tool + " you will confess your crimes to " + team); }};	
			c. var wonderWoman = { father: "Zeus", team: "the Justice League", tool: "Lasso of Truth", function: fightEvil () { console.log("With my " + tool + " you will confess your crimes to " + team); }};	
	n/a	n/a	d. var wonderWoman = { father: "Zeus", team: "the Justice League", tool: "Lasso of Truth", fightEvil (function) { console.log("With my " + this.tool + " you will confess your crimes to " + this.team); }};	
Consider the array: var characters = ['Darth Vader', 'Princess Leia', 'Han Solo', 'Luke Skywalker']; Which of the following syntaxes would change 'Han Solo' to 'Yoda'?			a. characters[2] = 'Yoda';	a. characters[2] = 'Yoda';
			b. characters[3] = 'Yoda';	
			c. characters['Han Solo'] = 'Yoda';	
	n/a	n/a	d. characters.pop('Darth Vader'); characters.push = 'Yoda';	