

Questionnaire

ES6 Questions

| sl# | Question | Specific Instructions |
|-----|---|---|
| 1 | <p>// ES5 Code block</p> <div>ES5 syntax</div> <pre>var expense = { type : 'Business', amount: '\$50' } // Statements var type = expense.type; var amount = expense. amount;</pre> <p>Write the above using ES6 conventions</p> | ES6 / ES7 only |
| 2 | <p>Write a function to check if a word/phrase/sequence is a palindrome using vanilla JS.</p> <p><i>Note: A palindrome is a word, phrase, or sequence that reads the same backward as forward, e.g., madam or nurses run or 4567654</i></p> | <p>Do not use any external libraries.</p> <p>Push the code to a github repo</p> |
| 3 | <p>Write a function (say fruitPresent('fruit-name')) to find out if a given input is present in the array below using ES6</p> <p>Output should be true or false</p> <p>let fruits = ['Apple', 'Apricot', 'Avocado', 'banana', 'Blackberry', 'Blueberry', 'Boysenberry', 'Crab apples', 'Currant', 'Cherry', 'Cherimoya', 'Chico fruit', 'Coconut', 'Cranberry', 'Custard apple', 'Date', 'dragonfruit', 'durian', 'Elderberry', 'Feijoa', 'Fig', 'Goji berry', 'Gooseberry', 'grape', 'Grapefruit', 'Guava', 'Honeyberry', 'Huckleberry', 'Jaboticaba', 'Jackfruit', 'Jambul', 'jujube', 'Juniper berry', 'Kiwifruit', 'Kumquat', 'Lemon', 'Lime', 'Loquat', 'Longan', 'Lychee', 'Mango', 'Mangosteen', 'Marionberry', 'Melon', 'Cantaloupe', 'Honeydew', 'Watermelon', 'Miracle fruit', 'Mulberry', 'Nectarine', 'Nance', 'Olive', 'Orange', 'Blood orange', 'Clementine', 'Mandarine', 'Tangerine', 'Papaya', 'Passionfruit', 'Peach', 'Pear', 'Persimmon', 'Plantain', 'Plum', 'Prune', 'Pineapple', 'Pluot', 'Pomegranate', 'Pomelo', 'Quince', 'Raspberry', 'Rambutan', 'Redcurrant', 'Salal berry', 'Salak', 'Salmonberry', 'Satsuma', 'Soursop', 'Star fruit', 'Strawberry', 'Tamarillo', 'Tamarind', 'Ugli fruit', 'Yuzu']</p> <p>e.g. -</p> <p>fruitPresent('apple') should return true</p> <p>fruitPresent('artichoke') should return false</p> | <p>Do not use any external libraries.</p> <p>Push the code to a github repo</p> |

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| 4 | <pre>let productCart = [{ productname:'iphone-x',qty:10, price:1000 }, { productname:'macbook pro',qty:200, price:2000}, { productname:'iwatch',qty:100, price:550 }, { productname:'macbook air',qty:100, price:1000}, { productname:'iphone 8',qty:300, price:700 }, { productname:'iphone 7',qty:100, price:550 }, { productname:'ipad Retina',qty:20, price:1000}, { productname:'ipad', qty:10, price:700 }, { productname:'Magic Mouse',qty:50, price:300}, { productname:'Magic Trackpad',qty:75, price:200}]</pre> <p>i) Find the total cost of all products with quantity > n using vanilla JS (ES6)</p> <p>like , CostOfProductForQtyGreaterThan(n)</p> <p>e.g., CostOfProductForQtyGreaterThan(100)</p> <p>ii) Write a function that can take a product name and return the total cost.</p> <p>e.g. -</p> <p>CostOfProduct('ipad') should output 7000</p> | <p>Do not use any external libraries.</p> <p>Push the code to a github repo</p> |
| 5 | <pre>const team = { members: ['Superman', 'Batman', 'Wonder Woman'], teamName: 'Justice league', teamSummary: function(){ return this.members.map(function(member) { return `\${member} is on team \${this.teamName}`; }); } }; team.teamSummary();</pre> <p>i) Will the above code block return an error?</p> <p>ii) If yes, then why and how do we fix it?</p> | <p>Do not use any external libraries.</p> <p>Push the code to a github repo. Add the explanation in comments.</p> |

VueJS Questions

| sl# | Question Description | Specific Instructions |
|-----|--|---|
| 1 | <p>Write a Vue app to display data in table with the following functionalities</p> <ul style="list-style-type: none"> fixed header row (album.id, album.title, photos.title, photos.thumbnail) Specific fields sortable(album.id,albums.title, photos.title) Searchable on albums.title and photos.title Scrollable (show 25 rows by default) Custom filters - album.title thumbnail should appear as an image <p>Data url: https://jsonplaceholder.typicode.com/albums https://jsonplaceholder.typicode.com/photos</p> | <p>Use only vanilla js with Vue.</p> <p>Do not use any frameworks like jQuery, Vuetify, Quasar etc</p> <p>Push your code to a github repo</p> |
| 2 | <p>Vue Devtools (on Chrome browser) is visible only in development mode.</p> <p>How do you enable it in production?</p> | |
| 3 | | |