Level	s.no	Task / Question
Easy	1	Select the element with id="header-title" and change its text to "My Awesome Page"
Easy	2	Select all elements with class "product-card" and give them a red border (style.border)
Easy	3	Change the background color of every inside <ul class="menu"> to lightblue
Easy	4	Create a new <button> that says "Click me!" and append it to the element with id="controls"
Medium	5	Create this structure and append it to <div id="cart">: <div class="item">Apple<button>Remove</button></div>
Medium	6	Select the first <img> with class "avatar" and change its src to "https://images.unsplash.com/photo-..." (any image)
Medium	7	Add the class "highlight" to all <p> tags that are direct children of .article-body
Medium	8	Toggle the class "dark-mode" on the <body> every time a button with id="theme-toggle" is clicked
Medium	9	When user clicks any button that has data-action="delete", remove its closest .card parent
Medium-Hard	10	Create a todo list: • input + "Add" button • clicking Add → creates new with text from input + Delete button • clicking Delete on any item removes that
Hard	11	Event delegation: Have a <ul id="users-list"> with many <li data-user-id="123">John Attach one single click listener on #users-list When any is clicked → console.log("Clicked user ID:", dataset.userId)
Hard	12	Build a simple counter: • 0 • two buttons: +1 and -1 • prevent count going below 0
Hard	13	When user types in <input id="search">, live filter a list of <li class="country"> so only ones containing the typed text (case insensitive) remain visible
Hard	14	Create a color picker: Have 6 <div class="swatch" data-color="#e74c3c"> elements Clicking any swatch → changes backgroundColor of <body> to that color
Hard	15	Sortable list (very common interview task) Make <ul id="sortable"> with many <li draggable="true"> Implement drag & drop reordering (basic version: swap on drop is okay)
Hard	16	Modal dialog from scratch • Button "Open Modal" • Creates <div class="modal-overlay"> + <div class="modal"> with title, text, Close button • Clicking overlay or close button removes everything

Level	s.no	Problem Description
Beginner	1	Create a function getUserInitials(user) that takes an object like { firstName: "Rahul", lastName: "Sharma" } and returns "RS"
Beginner	2	Write countProperties(obj) that returns how many own properties the object has
Beginner	3	Write invertObject(obj) → turns { a: 1, b: 2 } into { 1: "a", 2: "b" }
Beginner	4	removeFalsyValues(arr) → remove all falsy values from array
Easy	5	groupByAge(people) – group people by age → { 24: […], 30: […] }
Easy	6	findMostFrequentElement(arr) – return the element that appears most times
Easy	7	flatten(arr) – turn [1, [2,3], [4,[5,6]]] into [1,2,3,4,5,6] (any depth)
Medium	8	mergeObjects(...objects) – deep merge multiple objects (like Object.assign but deep)
Medium	9	rotateArray(arr, k) – rotate array k positions to the right (in-place or new array)
Medium	10	intersection(nums1, nums2) – return array of numbers present in both arrays (no duplicates)
Medium	11	groupAnagrams(words) – group all anagrams together (["eat","tea","tan","ate","nat","bat"] → [["eat","tea","ate"], ["tan","nat"], ["bat"]]
Medium-Hard	12	moveZerosToEnd(arr) – move all 0s to the end while keeping relative order of non-zero elements (in-place)
Hard	13	longestConsecutiveSequence(nums) – find length of longest consecutive elements sequence ([100,4,200,1,3,2] → 4)
Hard	14	productExceptSelf(nums) – return array where each position contains product of all elements except self (without division)
Hard	15	deepEqual(obj1, obj2) – true if two objects/arrays are deeply equal (including nested)
Hard	16	serializeObject(obj) & deserializeObject(str) – convert object ↔ JSON string but keeping undefined, Date, Map, Set (custom serializer)

doc link 👇

https://docs.google.com/document/d/1f_f3H6V4B0V-3pePdlA-LRNBgoOwpOGlKvyxQhgE8Dl/edit?usp=sharing