

TASKS

GIVEN TASKS

1. For the given JSON iterate over all for loops (for, for in, for of, for each)
2. Create your own resume data in JSON format
3. Read about the difference between window, screen and document in JavaScript
4. Codekata practice

TASK NO: 1 & 2

PROGRAM MADE IN VS CODE:

- Source code submitted

TASK NO: 3

DIFFERENCE BETWEEN WINDOW, DOCUMENT AND SCREEN

WINDOW

- The JavaScript window object sits at the top of the JavaScript Object hierarchy and represents the browser window.
- All global JavaScript objects, functions, and variables automatically become members of the window object.
- The window is the first thing that gets loaded into the browser.
- This window object has the majority of the properties like length, innerWidth, innerHeight, name, if it has been closed, its parents, and more.
- Each browser tab has its own top-level window object. Each of these windows gets its own separate global object.
- window.window always refers to window, but window.parent and window.top might refer to enclosing windows, giving access to other execution contexts

DOCUMENT

- The Document interface represents any web page loaded in the browser and serves as an entry point into the web page's content, which is the DOM tree.
- When an HTML document is loaded into a web browser, it becomes a document object. It is the root node of the HTML document.
- The document actually gets loaded inside the window object and has properties available to it like title, URL, cookie, etc. HTML documents, served with the "text/html" content type, also

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implement the HTMLDocument interface, whereas XML and SVG documents implement the XMLDocument interface.

SCREEN

Screen is a small information object about physical screen dimensions. It can be used to display screen width, height, colorDepth, pixelDepth etc. It is not mandatory to write window prefix with screen object. It can be written without window prefix.