Task 5

1.Create your own resume in JSON format

{

    "name": "REMYA KAMBIL VENGARATH",

    "location": "Kitchener, Ontario",

    "email": "remya.vengarath@gmail.com",

    "phone": "(416) - 831-8400",

    "linkedin": "https://www.linkedin.com/in/remya-kv/",

    "work\_experience": [

      {

        "company": "Aftia Solutions, Canada",

        "position": "System Analyst",

        "dates": "Dec 2021 – Aug 2022",

      },

      {

        "company": "Lowe’s Services India Pvt Ltd, India",

        "position": "Senior AEM Software Engineer",

        "dates": "Mar 2016 – Sep 2021",

      },

      {

        "company": "Cognizant Technology Solutions, India",

        "position": "AEM Associate Developer",

        "dates": "Mar 2013 – Mar 2016",

      },

      {

        "company": "ARS Traffic & Transport Technology (ARS T&TT), India",

        "position": "Software Developer JAVA",

        "dates": "Jul 2010– Feb 2013",

      }

    ],

    "education": [

      {

        "institution": "Calicut University, India",

        "degree": "Bachelor of Technology: Information Technology",

        "dates": "Aug 2005 – Jun 2009"

      }

    ],

    "skills\_and\_certifications": {

      "technical\_skills": [

"AEM",

        "Java",

        "Apache Sling",

        "OSGI Framework",

        "HTL",

        "HTML5",

        "CSS",

        "JS",

        "Maven",

        "JIRA",

        "Github"

      ],

      "soft\_skills": [

        "Adaptability",

        "Problem Solving",

        "Leadership",

        "Collaboration",

        "Adaptation to Agile Practices"

      ],

      "certifications": [

        "Certified Adobe Experience Manager Sites Developer Professional (AD0-E123)",

        "Pursuing Full Stack Development Bootcamp Certification program from GUVI | Accredited by Google for Education Partner- Completion Date: [Feb 2024]"

      ]

    },

    "additional\_information": {

      "languages": ["English", "Hindi", "Malayalam"]

    }

  }

2. For the above JSON, iterate over all for loops (for,for in , for of,forEach)

a) for

  let technical\_skills = resume.skills\_and\_certifications.technical\_skills;

  for (let i=0; i<technical\_skills.length;i++){

    console.log(technical\_skills[i]);

  }

o/p : Java

Apache Sling

OSGI Framework

HTL

HTML5

CSS

JS

Maven

JIRA

Github

b) for in

 for (const index in resume.work\_experience) {

    const job =resume.work\_experience[index];

    console.log(`Company is ${job.company} ,Position is ${job.dates} and dates ${job.dates}` );

  }

O/p :

Company is Aftia Solutions, Canada ,Position is Dec 2021 – Aug 2022 and dates Dec 2021 – Aug 2022

Company is Lowe’s Services India Pvt Ltd, India ,Position is Mar 2016 – Sep 2021 and dates Mar 2016 – Sep 2021

Company is Cognizant Technology Solutions, India ,Position is Mar 2013 – Mar 2016 and dates Mar 2013 – Mar 2016

Company is ARS Traffic & Transport Technology (ARS T&TT), India ,Position is Jul 2010– Feb 2013 and dates Jul 2010– Feb 2013

c) for of

 for (let item of resume.skills\_and\_certifications.soft\_skills){

    console.log(item);

 }

o/p

Adaptability

Problem Solving

Leadership

Collaboration

Adaptation to Agile Practices

d) for each

 let certifications = resume.skills\_and\_certifications.certifications;

 certifications.forEach((item)=>{

    console.log(item);

 })

O/P :

Certified Adobe Experience Manager Sites Developer Professional (AD0-E123)

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3) Read about the difference between window,screen and document object

In JavaScript, window, screen, and document are all objects, but they represent different aspects of the web browsing environment.

Window Object (window):

The window object represents the browser window or tab that contains the document. It is the top-level object in the browser's JavaScript hierarchy.

It provides access to various properties and methods related to the browser window, such as dimensions (window.innerWidth, window.innerHeight), location (window.location), and navigation (window.history, window.open()).

It also serves as the global object for JavaScript code running within the browser window, meaning that global variables and functions are properties and methods of the window object.

Screen Object (screen):

The screen object represents the user's screen or monitor. It provides information about the user's display, such as width, height, color depth, and pixel density.

Some common properties of the screen object include screen.width, screen.height, screen.availWidth, screen.availHeight, screen.colorDepth, and screen.pixelDepth.

The screen object is read-only, meaning that JavaScript code cannot modify the user's screen properties.

Document Object (document):

The document object represents the HTML document that is currently loaded in the browser window.

It provides access to the content of the document and allows JavaScript code to manipulate the HTML structure, access and modify elements, and respond to events.

Some common properties and methods of the document object include document.getElementById(), document.querySelector(), document.createElement(), document.title, document.URL, and many more.

Unlike the window and screen objects, which are global and accessible from anywhere in JavaScript code, the document object is specific to each loaded HTML document.

In summary, window represents the browser window, screen represents the user's screen, and document represents the HTML document loaded in the window. Each object provides different sets of properties and methods for interacting with different aspects of the browser environment.