**Day 5 task**

**1.**Create your own resume data in JSON format

**Answer:**

let myResume={

    "Basics": [{

      "Name": "Nishitha C",

      "Email": "nishithareddy.c02@gmail.com",

      "Phone": 7799575173,

      "Degree": "MSc",

      "Location": {

        "Address": "Tadipatri",

        "PostalCode": 515411,

        "State": "Andhra Pradesh",

        "Country": "India"

      },

      "Profiles":

        {

          "Website": "https://www.linkedin.com/in/nishitha-nishi-97b7811a9/",

        }

    }

],

    "Work": [

      {

        "Company": "Guvi",

        "Position": "Student",

        "StartDate": "01-2024",

        "EndDate": "04-2024",

        "Summary": "I am student at guvi learning full stack development course ",

      },

    ],

    "Education": [

      {

        "Institution": "Sri Padmavathi Mahila Visvavidyalayam",

        "Department": "Applied Microbiology",

        "StudyType": "fulltime",

        "Batch\_start\_year": 2019,

        "Batch\_end\_year": 2021,

        "GPA": 8.01,

      }

    ],

    "Skills": [

      {

        "Name": "javascript",

        "Level": "beginner",

      }

    ],

    "Languages": [

      {

        "Language": "Telugu, English",

      }

    ],

    "Interests": [{

        "name": "Cooking",

    }

    ]

  }

  console.log(myResume);

**Output:**

{

  Basics: [

    {

      Name: 'Nishitha C',

      Email: 'nishithareddy.c02@gmail.com',

      Phone: 7799575173,

      Degree: 'MSc',

      Location: [Object],

      Profiles: [Object]

    }

  ],

  Work: [

    {

      Company: 'Guvi',

      Position: 'Student',

      StartDate: '01-2024',

      EndDate: '04-2024',

      Summary: 'I am student at guvi learning full stack development course '

    }

  ],

  Education: [

    {

      Institution: 'Sri Padmavathi Mahila Visvavidyalayam',

      Department: 'Applied Microbiology',

      StudyType: 'fulltime',

      Batch\_start\_year: 2019,

      Batch\_end\_year: 2021,

      GPA: 8.01

    }

  ],

  Skills: [ { Name: 'javascript', Level: 'beginner' } ],

  Languages: [ { Language: 'Telugu, English' } ],

  Interests: [ { name: 'Cooking' } ]

}

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

**Answer:**

**for loop:**

//for loop

  for(var i=0;i<myResume.length;i++){

    var key=myResume[i]

    console.log(key.Basics);

    console.log(key.Work);

    console.log(key.Education);

    console.log(key.Skills);

    console.log(key.Languages);

    console.log(key.Interests)

  }

**Input:**

let myResume=[{

    "Basics": [{

      "Name": "Nishitha C",

      "Email": "nishithareddy.c02@gmail.com",

      "Phone": 7799575173,

      "Degree": "MSc",

      "Location": {

        "Address": "Tadipatri",

        "PostalCode": 515411,

        "State": "AndhraPradesh",

        "Country": "India"

      },

      "Profiles":

        {

          "Website": "https://www.linkedin.com/in/nishitha-nishi-97b7811a9/",

        }

    }

],

    "Work": [

      {

        "Company": "Guvi",

        "Position": "Student",

        "StartDate": "01-2024",

        "EndDate": "04-2024",

        "Summary": "I am student at guvi learning full stack development course ",

      },

    ],

    "Education": [

      {

        "Institution": "Sri Padmavathi Mahila Visvavidyalayam",

        "Department": "Applied Microbiology",

        "StudyType": "fulltime",

        "Batch\_start\_year": 2019,

        "Batch\_end\_year": 2021,

        "GPA": 8.01,

      }

    ],

    "Skills": [

      {

        "Name": "javascript",

        "Level": "beginner",

      }

    ],

    "Languages": [

      {

        "Language": "Telugu, English",

      }

    ],

    "Interests": [{

        "name": "Cooking",

    }

    ]

  }

]

**Output:**

[

  {

    Name: 'Nishitha C',

    Email: 'nishithareddy.c02@gmail.com',

    Phone: 7799575173,

    Degree: 'MSc',

    Location: {

      Address: 'Tadipatri',

      PostalCode: 515411,

      State: 'AndhraPradesh',

      Country: 'India'

    },

    Profiles: {

      Website: 'https://www.linkedin.com/in/nishitha-nishi-97b7811a9/'

    }

  }

]

[

  {

    Company: 'Guvi',

    Position: 'Student',

    StartDate: '01-2024',

    EndDate: '04-2024',

    Summary: 'I am student at guvi learning full stack development course '

  }

]

[

  {

    Institution: 'Sri Padmavathi Mahila Visvavidyalayam',

    Department: 'Applied Microbiology',

    StudyType: 'fulltime',

    Batch\_start\_year: 2019,

    Batch\_end\_year: 2021,

    GPA: 8.01

  }

]

[ { Name: 'javascript', Level: 'beginner' } ]

[ { Language: 'Telugu, English' } ]

[ { name: 'Cooking' } ]

**for Each:**

//for Each

  myResume.forEach(function(key){

console.log(key.Basics)

console.log(key.Work)

console.log(key.Education)

console.log(key.Skills)

console.log(key.Languages)

console.log(key.Interests)

  })

**Output:**

[

  {

    Name: 'Nishitha C',

    Email: 'nishithareddy.c02@gmail.com',

    Phone: 7799575173,

    Degree: 'MSc',

    Location: {

      Address: 'Tadipatri',

      PostalCode: 515411,

      State: 'AndhraPradesh',

      Country: 'India'

    },

    Profiles: {

      Website: 'https://www.linkedin.com/in/nishitha-nishi-97b7811a9/'

    }

  }

]

[

  {

    Company: 'Guvi',

    Position: 'Student',

    StartDate: '01-2024',

    EndDate: '04-2024',

    Summary: 'I am student at guvi learning full stack development course '

  }

]

[

  {

    Institution: 'Sri Padmavathi Mahila Visvavidyalayam',

    Department: 'Applied Microbiology',

    StudyType: 'fulltime',

    Batch\_start\_year: 2019,

    Batch\_end\_year: 2021,

    GPA: 8.01

  }

]

[ { Name: 'javascript', Level: 'beginner' } ]

[ { Language: 'Telugu, English' } ]

[ { name: 'Cooking' } ]

**for of:**

//for Of

for (var key of myResume){

    console.log(key.Basics)

    console.log(key.Work)

    console.log(key.Education)

    console.log(key.Skills)

    console.log(key.Languages)

    console.log(key.Interests)

}

**Output:**

[

  {

    Name: 'Nishitha C',

    Email: 'nishithareddy.c02@gmail.com',

    Phone: 7799575173,

    Degree: 'MSc',

    Location: {

      Address: 'Tadipatri',

      PostalCode: 515411,

      State: 'AndhraPradesh',

      Country: 'India'

    },

    Profiles: {

      Website: 'https://www.linkedin.com/in/nishitha-nishi-97b7811a9/'

    }

  }

]

[

  {

    Company: 'Guvi',

    Position: 'Student',

    StartDate: '01-2024',

    EndDate: '04-2024',

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  }

]

[

  {

    Institution: 'Sri Padmavathi Mahila Visvavidyalayam',

    Department: 'Applied Microbiology',

    StudyType: 'fulltime',

    Batch\_start\_year: 2019,

    Batch\_end\_year: 2021,

    GPA: 8.01

  }

]

[ { Name: 'javascript', Level: 'beginner' } ]

[ { Language: 'Telugu, English' } ]

[ { name: 'Cooking' } ]

**for in:**

//for in

for (var key in myResume){

    console.log(myResume[key].Basics)

    console.log(myResume[key].Work)

    console.log(myResume[key].Education)

    console.log(myResume[key].Skills)

    console.log(myResume[key].Languages)

    console.log(myResume[key].Interests)

}

**Output:**

[

  {

    Name: 'Nishitha C',

    Email: 'nishithareddy.c02@gmail.com',

    Phone: 7799575173,

    Degree: 'MSc',

    Location: {

      Address: 'Tadipatri',

      PostalCode: 515411,

      State: 'AndhraPradesh',

      Country: 'India'

    },

    Profiles: {

      Website: 'https://www.linkedin.com/in/nishitha-nishi-97b7811a9/'

    }

  }

]

[

  {

    Company: 'Guvi',

    Position: 'Student',

    StartDate: '01-2024',

    EndDate: '04-2024',

    Summary: 'I am student at guvi learning full stack development course '

  }

]

[

  {

    Institution: 'Sri Padmavathi Mahila Visvavidyalayam',

    Department: 'Applied Microbiology',

    StudyType: 'fulltime',

    Batch\_start\_year: 2019,

    Batch\_end\_year: 2021,

    GPA: 8.01

  }

]

[ { Name: 'javascript', Level: 'beginner' } ]

[ { Language: 'Telugu, English' } ]

[ { name: 'Cooking' } ]