**DAY-5 ROAD-MAP TASK**

## Q1 - Create your own resume data in JSON format.

resume = {

Name: "T ANISH SILVESTERN",

Age: 23,

Phone: "+91 6238728244",

email: "neooanish@gmail.com",

Location: "Kerala, India",

Skills: {

MSOffice: ["Word", "Excel"],

Adobe: ["Photoshop CC", "Premiere Pro"],

Extra: ["Gaming","Cricket", "Football"]

},

Languages: {

English: "Good Working Knowledge",

Tamil: "Expert",

Malayalam: "Expert",

Kannanda: "Intermediate",

Hindi: "Intermediate"

},

}

console.log((resume))

// // JSON Object TO JSON String

console.log(JSON.stringify(resume))

Output for JSON Object:

{

  Name: 'T ANISH SILVESTERN',

  Age: 23,

  Phone: '+91 6238728244',

  email: 'neooanish@gmail.com',

  Location: 'Kerala, India',

  Skills: {

    MSOffice: [ 'Word', 'Excel' ],

    Adobe: [ 'Photoshop CC', 'Premiere Pro' ],

    Extra: [ 'Gaming', 'Cricket', 'Football' ]

  },

  Languages: {

    English: 'Good Working Knowledge',

    Tamil: 'Expert',

    Malayalam: 'Expert',

    Kannanda: 'Intermediate',

    Hindi: 'Intermediate'

  }

}

Output for JSON String:

{"Name":"T ANISH SILVESTERN","Age":23,"Phone":"+91 6238728244","email":"neooanish@gmail.com","Location":"Kerala, India","Skills":{"MSOffice":["Word","Excel"],"Adobe":["Photoshop CC","Premiere Pro"],"Extra":["Gaming","Cricket","Football"]},"Languages":{"English":"Good Working Knowledge","Tamil":"Expert","Malayalam":"Expert","Kannanda":"Intermediate","Hindi":"Intermediate"}}

//-------------------------------------------------------------------------------------------------------------------------\\

## Q2 - For the above JSON, iterate over all for loops (for, for in, for of, forEach)

resume = {

Name: "T ANISH SILVESTERN",

Age: 23,

Phone: "+91 6238728244",

email: "neooanish@gmail.com",

Location: "Kerala, India",

Skills: {

MSOffice: ["Word", "Excel"],

Adobe: ["Photoshop CC", "Premiere Pro"],

Extra: ["Gaming","Cricket", "Football"]

},

Languages: {

English: "Good Working Knowledge",

Tamil: "Expert",

Malayalam: "Expert",

Kannanda: "Intermediate",

Hindi: "Intermediate"

},

}

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# // // for...in loop

for(let key in resume){

console.log(key, ":", resume[key])

}

Output:

Name : T ANISH SILVESTERN

Age : 23

Phone : +91 6238728244

email : neooanish@gmail.com

Location : Kerala, India

Skills : {

  MSOffice: [ 'Word', 'Excel' ],

  Adobe: [ 'Photoshop CC', 'Premiere Pro' ],

  Extra: [ 'Gaming', 'Cricket', 'Football' ]

}

Languages : {

  English: 'Good Working Knowledge',

  Tamil: 'Expert',

  Malayalam: 'Expert',

  Kannanda: 'Intermediate',

  Hindi: 'Intermediate'

}

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# // // for...of loop

for(let key of Object.keys(resume)){

console.log(key, ":", resume[key])

}

Output:

Name : T ANISH SILVESTERN

Age : 23

Phone : +91 6238728244

email : neooanish@gmail.com

Location : Kerala, India

Skills : {

  MSOffice: [ 'Word', 'Excel' ],

  Adobe: [ 'Photoshop CC', 'Premiere Pro' ],

  Extra: [ 'Gaming', 'Cricket', 'Football' ]

}

Languages : {

  English: 'Good Working Knowledge',

  Tamil: 'Expert',

  Malayalam: 'Expert',

  Kannanda: 'Intermediate',

  Hindi: 'Intermediate'

}

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# // // for...Each loop

Object.entries(resume).forEach(entry => {

console.log(entry[0], ":", entry[1])

})

Output:

Name : T ANISH SILVESTERN

Age : 23

Phone : +91 6238728244

email : neooanish@gmail.com

Location : Kerala, India

Skills : {

  MSOffice: [ 'Word', 'Excel' ],

  Adobe: [ 'Photoshop CC', 'Premiere Pro' ],

  Extra: [ 'Gaming', 'Cricket', 'Football' ]

}

Languages : {

  English: 'Good Working Knowledge',

  Tamil: 'Expert',

  Malayalam: 'Expert',

  Kannanda: 'Intermediate',

  Hindi: 'Intermediate'

}

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# // // for .... loop

let key = Object.keys(resume);

for(intex = 0; intex < key.length; intex++){

let value = Object.values(resume);

for(intex = 0; intex < value.length; intex++)

console.log(key[intex] , ":", value[intex])

}

Output:

Name : T ANISH SILVESTERN

Age : 23

Phone : +91 6238728244

email : neooanish@gmail.com

Location : Kerala, India

Skills : {

  MSOffice: [ 'Word', 'Excel' ],

  Adobe: [ 'Photoshop CC', 'Premiere Pro' ],

  Extra: [ 'Gaming', 'Cricket', 'Football' ]

}

Languages : {

  English: 'Good Working Knowledge',

  Tamil: 'Expert',

  Malayalam: 'Expert',

  Kannanda: 'Intermediate',

  Hindi: 'Intermediate'

}

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