



Using JavaScript Objects Exercise 5: Solution | JavaScript Tutorial In Hindi #45



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This tutorial contains the solution to Exercise 5, i.e. **Using a Dictionary API**. The problem statement, along with the instructions, is given below:

Task:-

Search words API from Google and in the Try It section, you will find a response. Copy the response and consider that the response is coming from the API.

Here is a link of wordsapi: <https://www.wordsapi.com/>. Here are the instructions for the task:

Instructions:-

- You have pretend to use a word API which will contain an object. Your task is to print definition from all the results of that word API.
- You have to take input from an input tag.
- Print the result in the DOM.
- If you are using bootstrap then its a plus

Have you solved this task? If yes, then it is time to check the solution. The solution is discussed in [tutorial#45](#)

If you like my work, then keep supporting and stay up to date with [codewithharry](#).

Code as described/written in the video

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta http-equiv="X-UA-Compatible" content="ie=edge">
<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
      integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" crossorigin="anonymous">
<title>Document</title>
</head>

<body>
  <div class="container">
    <h1 id="heading" class='yourhead rhia is'> Welcome to Code With Harry</h1>
    <div id="myfirst" class="child red good" id="first">child 1

      <ul class="this" id='myul'>
        <li class="childul" id='fui'>this</li>
        <li class="childul">is</li>
        <li class="childul">a</li>
        <li class="childul">list </li>
        <li class="childul" id='lui'>of my dreams</li>
      </div>
    <div class="child">child 2</div>
    <div class="child red">child 3</div>
    <div class="child">child 4</div>
    <form action="none.html" method="post">
      <a href="//codewithharry.com">Go to Code With Harry</a>
      <br>
      <br>
      Search this website: <input type="text" name="Hello" id="">
      <button id="btn">Submit form</button>
      <!-- <input type="button" id='btn' value="submit"> -->
    </form>
  </div>
  <!-- <br>
  <div class="no">this is a dummy div1</div>
  <div class="no">this is a dummy div2</div>
  <div class="no">this is a dummy div3</div> -->
  <div class="container">
    <h1>Student list</h1>
    <ul id="students"></ul>
```

```
<button id="myBtn" class="btn btn-primary">Your Button</button>
<button class="btn btn-primary">Fetch Data</button>
<div id="content"></div>
</div>

<div class="container my-3">
  <h1>Pull the results by clicking the button below:</h1>

  <button class="btn btn-primary" id="meanings">Get meanings</button>
  <div class="my-2">
    <ul id="defs"></ul>
  </div>
</div>

<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"
  integrity="sha384-q8i/X+965Dz00rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
  crossorigin="anonymous"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"
  integrity="sha384-U02eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1c1HTMga3JDZwrnQq4sF86dIHNDz0W1"
  crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"
  integrity="sha384-JjSmVgyd0p3pXB1rRibZUAYoIIy6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM"
  crossorigin="anonymous"></script>
</body>
<!-- <script src="js/tut12.js"></script> -->
<!-- <script src="js/tut14.js"></script> -->
<!-- <script src="js/tut15.js"></script> -->
<!-- <script src="js/tut16.js"></script> -->
<!-- <script src="js/tut17.js"></script> -->
<!-- <script src="js/tut18.js"></script> -->
<!-- <script src="js/tut20.js"></script> -->
<!-- <script src="js/tut21.js"></script> -->
<!-- <script src="js/tut23.js"></script> -->
<!-- <script src="js/tut24.js"></script> -->
<!-- <script src="js/tut25.js"></script> -->
<!-- <script src="js/tut27.js"></script> -->
<!-- <script src="js/tut28.js"></script> -->
```

```
<!-- <script src="js/tut30.js"></script> -->
<!-- <script src="js/tut31.js"></script> -->
<!-- <script src="js/tut32.js"></script> -->
<!-- <script src="js/tut34.js"></script> -->
<!-- <script src="js/tut37.js"></script> -->
<!-- <script src="js/tut39.js"></script> -->
<!-- <script src="js/tut39b.js"></script> -->
<!-- <script src="js/tut41.js"></script> -->
<!-- <script src="js/tut43.js"></script> -->
<!-- <script src="js/tut44.js"></script> -->
<script src="js/tut 45.js"></script>

</html>
```

Code as described/written in the video

```
console.log("This is tutorial 45");

const myJson = `{
  "word": "example",
  "results": [
    {
      "definition": "a representative form or pattern",
      "partOfSpeech": "noun",
      "synonyms": [
        "model"
      ],
      "typeOf": [
        "representation",
        "internal representation",
        "mental representation"
      ],
      "hasTypes": [
        "prefiguration",
        "archetype",
        "epitome",
        "guide",
```

```
    "holotype",
    "image",
    "loadstar",
    "lodestar",
    "microcosm",
    "original",
    "paradigm",
    "pilot",
    "prototype",
    "template",
    "templet",
    "type specimen"
  ],
  "derivation": [
    "exemplify"
  ],
  "examples": [
    "I profited from his example"
  ]
},
{
  "definition": "something to be imitated",
  "partOfSpeech": "noun",
  "synonyms": [
    "exemplar",
    "good example",
    "model"
  ],
  "typeOf": [
    "ideal"
  ],
  "hasTypes": [
    "pacemaker",
    "pattern",
    "beauty",
    "prodigy",
    "beaut",
    "pacesetter"
  ]
}
```

```
    ],
    "derivation": [
      "exemplify",
      "exemplary"
    ]
  },
  {
    "definition": "an occurrence of something",
    "partOfSpeech": "noun",
    "synonyms": [
      "case",
      "instance"
    ],
    "typeOf": [
      "happening",
      "natural event",
      "occurrence",
      "occurrent"
    ],
    "hasTypes": [
      "clip",
      "mortification",
      "piece",
      "time",
      "humiliation",
      "bit"
    ],
    "derivation": [
      "exemplify"
    ],
    "examples": [
      "but there is always the famous example of the Smiths"
    ]
  },
  {
    "definition": "an item of information that is typical of a class or group",
    "partOfSpeech": "noun",
    "synonyms": [
```

```
    "illustration",
    "instance",
    "representative"
  ],
  "typeOf": [
    "information"
  ],
  "hasTypes": [
    "excuse",
    "apology",
    "specimen",
    "case in point",
    "sample",
    "exception",
    "quintessence",
    "precedent"
  ],
  "derivation": [
    "exemplify",
    "exemplary"
  ],
  "examples": [
    "this patient provides a typical example of the syndrome",
    "there is an example on page 10"
  ]
},
{
  "definition": "punishment intended as a warning to others",
  "partOfSpeech": "noun",
  "synonyms": [
    "deterrent example",
    "lesson",
    "object lesson"
  ],
  "typeOf": [
    "monition",
    "admonition",
    "word of advice",
```

```
        "warning"
      ],
      "derivation": [
        "exemplary"
      ],
      "examples": [
        "they decided to make an example of him"
      ]
    },
    {
      "definition": "a task performed or problem solved in order to develop skill or understanding",
      "partOfSpeech": "noun",
      "synonyms": [
        "exercise"
      ],
      "typeOf": [
        "lesson"
      ],
      "examples": [
        "you must work the examples at the end of each chapter in the textbook"
      ]
    }
  ],
  "syllables": {
    "count": 3,
    "list": [
      "ex",
      "am",
      "ple"
    ]
  },
  "pronunciation": {
    "all": "ɪgˈzæmpəl"
  },
  "frequency": 4.67
}`;
```

```
const myObj = JSON.parse(myJson);
```



```
console.log('The object is  :', myObj);
console.log('The results in the object are  :', myObj['results']);

let meanings = document.getElementById('meanings')
meanings.addEventListener('click', ()=>{
    console.log('someone clicked meanings');
    populate();
})

function populate() {
    let results = myObj['results'];
    let html = "";
    results.forEach(element => {
        html += `<li class="list-group-item list-group-item-light">One of the definitions of example is ${element.definition} </li>`;
    });
    let defs = document.getElementById('defs');
    defs.innerHTML = html;
}
}
```

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