Topalian Data Navigator

by Christopher Topalian

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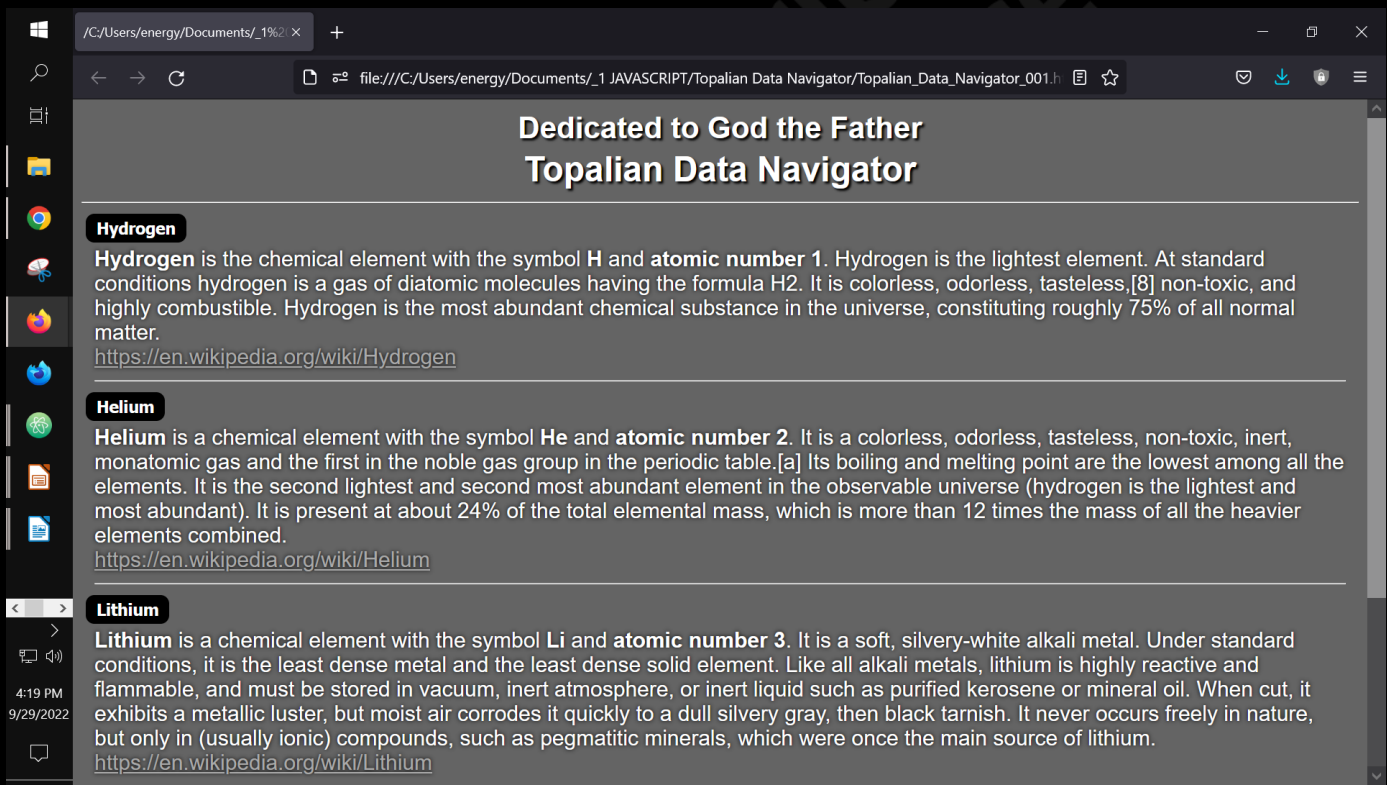

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Hydrogen-Wikipedia.pdf — Mozilla Firefox

file:///C:/Users/energy/Documents/_1 JAVASCRIPT/Topalian Data Navigator/pdf/Hydrogen-Wikipedia.pdf

1 of 36 Automatic Zoom

WIKIPEDIA

Hydrogen

Hydrogen is the chemical element with the symbol **H** and atomic number 1. Hydrogen is the lightest element. At standard conditions hydrogen is a gas of diatomic molecules having the formula H_2. It is colorless, odorless, tasteless,[8] non-toxic, and highly combustible. Hydrogen is the most abundant chemical substance in the universe, constituting roughly 75% of all normal matter.[9][note 1] Stars such as the Sun are mainly composed of hydrogen in the plasma state. Most of the hydrogen on Earth exists in

Hydrogen, $_1$H

Purple glow in its plasma state

Hydrogen	
Appearance	colorless gas
Standard atomic weight A_r°(H)	[1.007 84, 1.008 11] 1.0080 ± 0.0002 (abridged)[1]
Hydrogen in the periodic table	

Hydrogen

Hydrogen i
conditions h
highly comb
matter.
https://en.w

Helium

Helium is a
monatomic
elements. It
most abund
elements cc
https://en.w

Lithium

Lithium is a
conditions, i
flammable,
exhibits a m
but only in (
https://en.w

4:20 PM
9/29/2022

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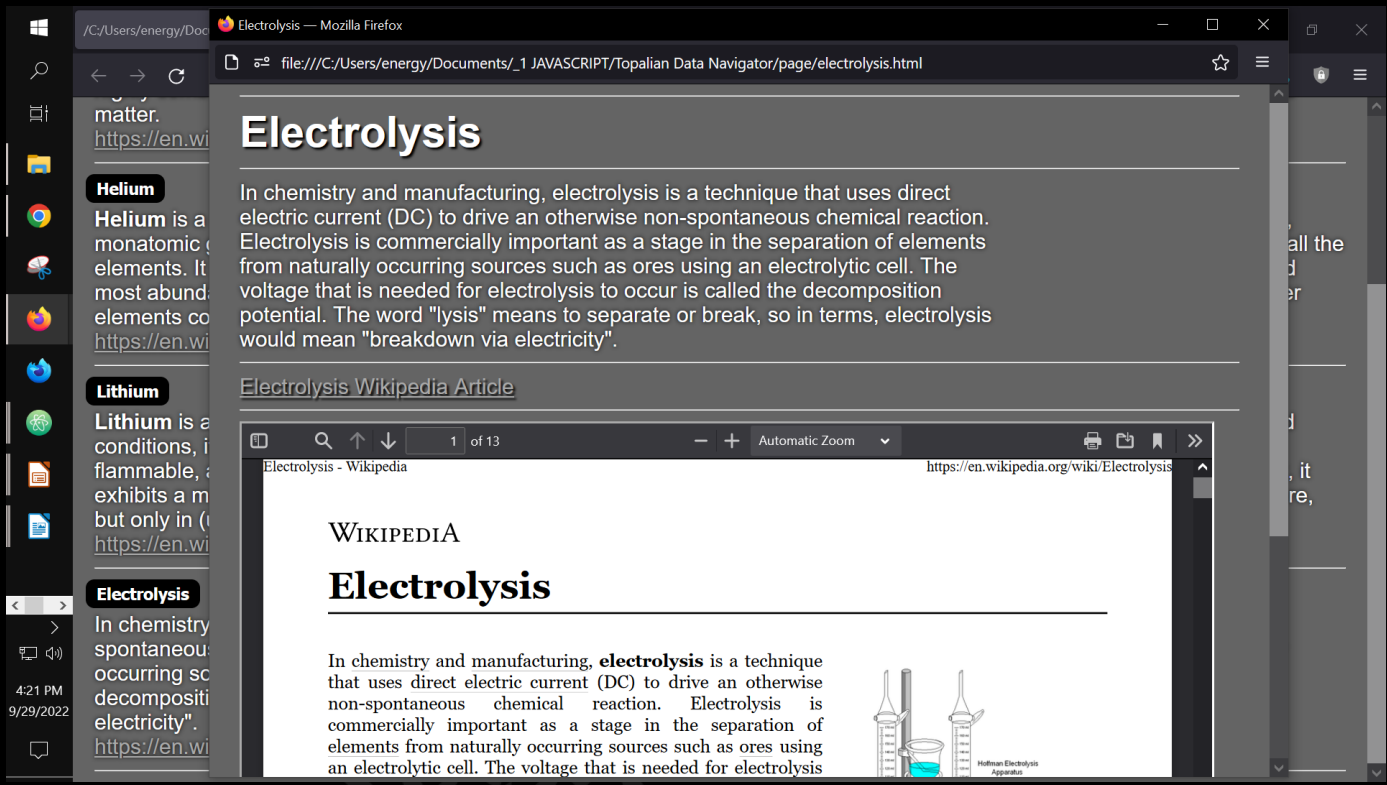

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```
<!-- Dedicated to God the Father -->
<!-- All Rights Reserved Christopher Topalian
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<!-- https://github.com/ChristopherTopalian --
>
<!--
https://github.com/ChristopherTopalian/Topa
lian_Data_Navigator -->
<!-- Topalian_Data_Navigator_001.html -->

<!--
Creates elements with content from a
specified array of objects.
Each button created can open a specific pdf,
webpage, video, or texture, in a new window.
We include a description for each button and
a url link to the original url source.
-->
```

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```
<!-- Watch the YouTube video below to see
the script in action -->
<!-- https://www.youtube.com/watch?
v=rt1zYba05ws -->

<!-- Watch more scripting tutorial videos at:
-->
<!--
https://www.youtube.com/ScriptingCollege --
>

<style>

body
{
    background-color: rgb(100, 100, 100);
}
```

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```
b
{
    font-weight: 700;
}

hr
{
    color: rgb(255, 255, 255);
}

a:link
{
    color: rgb(170, 170, 170);
}

a:hover
{
```

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```
    color: rgb(255, 255, 255);
}

a:visited
{
    color: rgb(170, 170, 170);
}

.buttonStyle
{
    margin: 4px;
    padding-top: 2px;
    padding-bottom: 2px;
    padding-left: 8px;
    padding-right: 8px;
    background-color: rgb(0, 0, 0);
    border-style: solid;
    border-width: 2px;
```

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```
    border-radius: 8px;
    border-color: rgb(0, 0, 0);
    font-family: tahoma;
    font-size: 15px;
    font-weight: bold;
    color: rgb(255, 255, 255);
    cursor: pointer;
}

.buttonStyle:hover
{
    border-color: rgb(255, 255, 255);
}

.dedicationStyle
{
    padding: 2px;
    font-family: arial;
```

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```
    font-size: 28px;
    font-weight: bold;
    color: rgb(255, 255, 255);
    text-shadow: 2px 2px 2px rgba(0, 0, 0, 1);
}

.titleStyle
{
    margin: 1px;
    padding-top: 1px;
    padding-bottom: 1px;
    font-family: arial;
    font-size: 32px;
    font-weight: bold;
    color: rgb(255, 255, 255);
    text-shadow: 2px 2px 2px rgba(0, 0, 0, 1);
}
```

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```
.descriptionStyle
{
    padding-left: 12px;
    padding-right: 12px;
    color: rgb(255, 255, 255);
    font-family: arial;
    font-size: 20px;
    text-shadow: 0px 0px 4px rgba(0, 0, 0, 1);
}

</style>

<!-- the data file is located in our data folder
-->
<script src =
"data/elementsArray.js"></script>
```

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```
<!-- the data file is located on our web server
-->
<!--
<script src =
"https://collegeofscripting.weebly.com/uploa
ds/6/4/4/8/64482293/elementsarray.js"></
script>
-->

<script>

function dataCreate(whichArray)
{
    let mainDiv =
document.createElement("div");

    document.body.append(mainDiv);
```

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```
    for (let x = 0; x < whichArray.length; x++)
    {
        let containerDiv =
document.createElement("div");

        mainDiv.append(containerDiv);

        let theButton =
document.createElement("button");

        theButton.className = "buttonStyle";

        theButton.onclick = function() {
window.open(whichArray[x].url, "", "width =
1000, height = 800"); };

        theButton.innerHTML =
whichArray[x].name;
```

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```
        containerDiv.append(theButton);

        let theDescription =
document.createElement("div");

        theDescription.className =
"descriptionStyle";

        theDescription.innerHTML =
whichArray[x].description + "<br>";

        theDescription.innerHTML += "<a target
= '_blank' href = \"" +
whichArray[x].urlSource + "\">" +
whichArray[x].urlSource + "<hr>";

        containerDiv.append(theDescription);
```

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```
    }
}

</script>
</head>

<body onload =
"dataCreate(elementsArray);">

<center>
<div class = "dedicationStyle">
Dedicated to God the Father
</div>
</center>

<center>
<div class = "titleStyle"> Topalian Data
Navigator
```

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```
</div>
</center>

<hr>

</body>

</html>
```

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```
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// https://github.com/ChristopherTopalian
//
https://github.com/ChristopherTopalian/Topa
lian_Data_Navigator
// elementsArray.js

/*
{
    name: " ",
    url: " ",
    description: " ",
    urlSource: " "
},
*/
```

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```
let elementsArray = [
{
    name: "Hydrogen",
    // url:
"https://collegeofscripting.files.wordpress.com/2022/09/hydrogen-wikipedia.pdf",
    url: "pdf/Hydrogen-Wikipedia.pdf",
    description: "<b>Hydrogen</b> is the chemical element with the symbol <b>H</b> and <b>atomic number 1</b>. Hydrogen is the lightest element. At standard conditions hydrogen is a gas of diatomic molecules having the formula H2. It is colorless, odorless, tasteless,[8] non-toxic, and highly combustible. Hydrogen is the most abundant chemical substance in the universe, constituting roughly 75% of all normal matter.",
```

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```
    urlSource:
"https://en.wikipedia.org/wiki/Hydrogen"
},

{
    name: "Helium",
    // url:
"https://collegeofscripting.files.wordpress.com/2022/09/helium-wikipedia.pdf",
    url: "pdf/Helium-Wikipedia.pdf",
    description: "<b>Helium</b> is a chemical element with the symbol <b>He</b> and <b>atomic number 2</b>. It is a colorless, odorless, tasteless, non-toxic, inert, monatomic gas and the first in the noble gas group in the periodic table.[a] Its boiling and melting point are the lowest among all the elements. It is the second lightest and
```

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```
second most abundant element in the
observable universe (hydrogen is the
lightest and most abundant). It is present at
about 24% of the total elemental mass, which
is more than 12 times the mass of all the
heavier elements combined.",
    urlSource:
"https://en.wikipedia.org/wiki/Helium"
},

{
    name: "Lithium",
    // url:
"https://collegeofscripting.files.wordpress.co
m/2022/09/lithium-wikipedia.pdf",
    url: "pdf/Lithium-Wikipedia.pdf",
    description: "<b>Lithium</b> is a chemical
element with the symbol <b>Li</b> and
```

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atomic number 3. It is a soft, silvery-white alkali metal. Under standard conditions, it is the least dense metal and the least dense solid element. Like all alkali metals, lithium is highly reactive and flammable, and must be stored in vacuum, inert atmosphere, or inert liquid such as purified kerosene or mineral oil. When cut, it exhibits a metallic luster, but moist air corrodes it quickly to a dull silvery gray, then black tarnish. It never occurs freely in nature, but only in (usually ionic) compounds, such as pegmatitic minerals, which were once the main source of lithium.",
    urlSource:
"https://en.wikipedia.org/wiki/Lithium"
},

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```
{
    name: "Electrolysis",
    // url:
"https://collegeofscripting.files.wordpress.com/2022/09/electrolysis-wikipedia.pdf",
    // url:
"https://collegeofscripting.weebly.com/electrolysis.html",
    url: "page/electrolysis.html",
    description: "In chemistry and
manufacturing, <b>electrolysis</b> is a
technique that uses direct electric current
(DC) to drive an otherwise non-spontaneous
chemical reaction. Electrolysis is
commercially important as a stage in the
separation of elements from naturally
occurring sources such as ores using an
```

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```
electrolytic cell. The voltage that is needed for electrolysis to occur is called the decomposition potential. The word \"lysis\" means to separate or break, so in terms, electrolysis would mean \"breakdown via electricity\".",
    urlSource: "https://en.wikipedia.org/wiki/Electrolysis"
}

];

/*
{
    name: " ",
    url: " ",
    description: " ",
    urlSource: " "
```

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```
},
*/
```

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This book is created by the
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Always remember, that each time you write a script with a pencil and paper, it becomes imprinted so deeply in memory that the material and methods are learned extremely well.

When you Type the scripts, the same is true. The more you type and write out the scripts by keyboard or pencil and paper, the more you will learn programming!

Write and Type EVERY example that you find.
Keep all of your scripts organized.
Every script that you create increases your programming abilities.

SEEING CODE, is one thing,
but WRITING CODE is another.
Write it, Type it, Speak It, See It, Dream It.
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Christopher Topalian

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