

DATA ANALYTICS REFERENCE DOCUMENT	
Document Title:	Web Development week 2 assignments
Document No.:	1548953900
Author(s):	Gerhard van der Linde
Contributor(s):	

REVISION HISTORY

Revision	Details of Modification(s)	Reason for modification	Date	By
0	Draft release	Web Development week 2 assignments	2019/01/31 16:58	Gerhard van der Linde

Web Development - Week 2

Assignment 1

W2A1.html

```
<!doctype html>
<html>
  <head>
    <title>Document</title>
  </head>
  <body>
    <h1>World Wide Web</h1>
    <p>The WorldWideWeb (W3) is a wide-area hypermedia information retrieval initiative aiming to give universal access to a large universe of documents. Everything there is online about W3 is linked directly or indirectly to this document, including an executive summary of the project, Mailing lists , Policy , November's W3 news , Frequently Asked Questions . </p>

    <h3>What's out there?</h3>
    <p>Pointers to the world's online information, subjects , W3 servers, etc.</p>

    <h3>Help</h3>
    <p>on the browser you are using</p>

    <h3>Software Products</h3>
    <p>A list of W3 project components and their current state. (e.g. Line Mode ,X11 Viola , NeXTStep , Servers , Tools , Mail robot , Library )</p>

    <h3>Technical</h3>
    <p>Details of protocols, formats, program internals etc</p>

    <h3>Bibliography</h3>
    <p>Paper documentation on W3 and references.</p>

    <h3>People</h3>
    <p>A list of some people involved in the project.</p>

    <h3>History</h3>
    <p>A summary of the history of the project.</p>

    <h3>How can I help ?</h3>
    <p>If you would like to support the web..</p>
```

```
<h3>Getting code</h3>
<p>Getting the code by anonymous FTP , etc.</p>

</body>
</html>
```

Assignment 2

W2A2.html

```
<!doctype html>
<html>
<head>
  <meta charset="UTF-8"> <!-->Had to add this to render the dashes ain the list items<-->
  <title>Week2 - Exercise 2</title>
</head>
<body>
  <h1>Popular Websits related to HTML and the World Wide Web</h1>
  <h2>HTML</h2>
  <ul>
    <li><a href="https://www.w3schools.com/" target="_blank">W3Schools</a></li>
    <li><a href="http://www.htmldog.com/" target="_blank">HTML5 Dog</a></li>
    <li><a href="https://html5test.com/" target="_blank">HTML5 Test</a></li>
  </ul>

  <h2>Tim Berners Lee</h2>
  <ul>
    <li><a href="https://en.wikipedia.org/wiki/Tim_Berners-Lee" target="_blank">Tim Berners Lee - Wikipedia</a></li>
    <li><a href="https://www.biographyonline.net/business/tim-berners-lee.html" target="_blank">Tim Berners Lee - Official Biography</a></li>
    <li><a href="https://www.ted.com/talks/tim_berners_lee_on_the_next_web" target="_blank">Tim Berners Lee - Ted Talk</a></li>
  </ul>

  <h2>Browser Stats 2018</h2>
  <ul>
    <li><a href="https://www.w3schools.com/browsers/" target="_blank">Browser Stats - W3Schools</a></li>
    <li><a href="https://en.wikipedia.org/wiki/Browser_wars" target="_blank">Wikipedia.org - The Browser Wars</a></li>
    <li><a href="https://www.youtube.com/watch?v=VANORrzKX50" target="_blank">he True Story of the Internet Browser Wars (You Tube)</a></li>
  </ul>
  <h2><i>Future directions for the World Wide Web</i></h2>

  <p>Having summarized the origins of the Web, and its current state, we now look at some possible directions in which developments could take it in the coming years. One can separate these into three long term goals. The first involves the improvement of the infrastructure, to provide a more functional, robust, efficient and available service. The second is to enhance the web as a means of communication and interaction between people. The third is to allow the web, apart from being a space browseable by humans, to contain rich data in a form understandable by machines. </p>

  <h2>Infrastructure</h2>

  <p>When the web was designed, the fact that anyone could start a server, and it could run happily on the Internet without regard to registration with any central authority or with the number of other HTTP servers which others might be running was seen as a key property, which enabled it to "scale". Today, such scaling is not enough. The numbers of clients is so great that the need is for a server to be able to operate more or less independently of the number of clients. </p>

  <p>Another cause for evolution is the fact that business is now relying on the Web to the extent that outages of servers or network are not considered acceptable. One would prefer an adaptive system which would configure itself so as to best use the resources available to the various communities to optimize the quality of service perceived. This is not a simple problem.</p>

  <p>It includes the problems of: </p>
  <ol type="i">
    <li>categorizing documents and users so as to be able to treat them in groups; </li>
    <li>anticipating high usage of groups of documents by groups of users;</li>
    <li>deciding on optimal placement of copies of data for rapid access; </li>
```

```

    <li>an algorithm for finding the cheapest or nearest copy, given a URL; </li>
    <li>Resolution of these problems must occur within a context in which different areas of the infrastructure
    are funded through different bodies with different priorities and policies. </li>
  </ol>

  <p><i>These are some of the long term concerns about the infrastructure, the basic architecture of the web. In
  the shorter term, protocol designers are increasing the efficiency of HTTP communication, particularly for the
  case of a user whose performance limiting item is a telephone modem.</i></p>
</body>
</html>

```

Assignment 3

W2A3.html

```

<!DOCTYPE HTML>
<!DOCTYPE html PUBLIC "" ""><HTML lang="en"><HEAD><META content="IE=11.0000"
http-equiv="X-UA-Compatible">

<META charset="UTF-8"> <TITLE>Week2 Exercise 3</TITLE>
<META name="GENERATOR" content="MSHTML 11.00.10570.1001"></HEAD>
<BODY>
<TABLE align="center" border="3" cellpadding="1">
  <TBODY>
    <TR>
      <TH bgcolor="yellow" colspan="6">TV LISTINGS</TH></TR>
    <TR align="center">
      <TD></TD>
      <TH width="99">7.30pm</TH>
      <TH width="99">8.00pm</TH>
      <TH width="99">8.30pm</TH>
      <TH width="99">9.00pm</TH>
      <TH width="99">9.30pm</TH></TR>
    <TR align="center">
      <TH>Monday</TH>
      <TD bgcolor="lightgrey" colspan="3">The Sunday Movie</TD>
      <TD bgcolor="grey" colspan="2">News</TD></TR>
    <TR align="center">
      <TH>Tuesday</TH>
      <TD>TV Show</TD>
      <TD colspan="2">The Monday Movie</TD>
      <TD bgcolor="lightblue" rowspan="3">News</TD>
      <TD bgcolor="lightgreen">Talk Show</TD></TR>
    <TR align="center">
      <TH>Wednesday</TH>
      <TD>TV Show</TD>
      <TD rowspan="2" colspan="2">Cops</TD>
      <TD>Current Affairs</TD></TR>
    <TR align="center">
      <TH>Wednesday</TH>
      <TD>TV Show</TD>
      <TD colspan="2" bgcolor="lightgreen">Talk Show</TD></TR></TBODY></TABLE></BODY></HTML>

```

From:

<http://hdip-data-analytics.com/> - HDip Data Analytics

Permanent link:

http://hdip-data-analytics.com/submissions/worksheet/webdev/web_dev_week2

Last update: 2020/06/20 14:39