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Understanding Comments

Sometimes when you open the source code of websites (by right clicking on the webpage and selecting 'View source'), you can see that there are content/code in the page which are NOT displayed in the browser.

```
<small><bdi dir="ltr">6&nbsp;157&nbsp;000+</bdi> <span>articles</span></small>
</a>
</div>
<!-- #2. ja.wikipedia.org - 262 643 000 views/day -->
<div class="central-featured-lang lang2" lang="ja" dir=\tr">
<a id="js-link-box-ja" href="//ja.wikipedia.org/" title="Nimongo — ウィキペディア — フリー百科事典" class="link-box"
data-slogan="フリー百科事典">
<strong>日本語</strong>
<small><bdi dir="ltr">1&nbsp;227&nbsp;000+</bdi> <span>記事</span></small>
</a>
</div>
<!-- #3. es.wikipedia.org - 250 442 000 views/day -->
                                                                              HTML Comments
<div class="central-featured-lang lang3" lang="es" dir="ltr">
<a id="js-link-box-es" href="//es.wikipedia.org/" title="Español - Wikipedia - La enciclopedia libre" class="link-</pre>
box" data-slogan="La enciclopedia libre">
<strong>Español</strong>
<small><bdi dir="ltr">1&nbsp;625&nbsp;000+</bdi> <span>artículo
</a>
</div>
<!-- #4. de.wikipedia.org - 193 760 000 views/day -->
<div class="central-featured-lang lang4" lang="de" dir="ltr">
<a id="js-link-box-de" href="//de.wikipedia.org/" title="Deutsch - Wikipedia - Die freie Enzyklopädie" class="link-</pre>
box" data-slogan="Die freie Enzyklopädie">
<strong>Deutsch</strong>
<small><bdi dir="ltr">2&nbsp;479&nbsp;000+</bdi> <span>Artikel</span></small>
```

HTML source code of Wikipedia

You can see that the marked texts are not displayed in the screen. If the text is not displayed in the browser, why do we need the text? Can't we just remove it?

Usually this is done due the following reasons.

- 1. To help other developers understand the code better. Even though you might have written the code, in the future if there is an error and you are not available, it might be your fellow developer who will have to fix the code. If the code is not clear to the developer, the time taken to debug will be more. Hence, providing comments can help developers understand the code better.
- 2. A part of code which is not needed now, but might be needed in future. So instead of removing the code, the developer might just comment it. This way in the future if we need that piece of code, we don't have to code it again. All we need to do is un-comment that part.
- 3. **To debug the code to fix an error.** A developer might be fixing a piece of code due a bug, for that he/she might have to comment out some parts of the code, so that he/she can fix it.

The comment tag (<!- Comment ->) is used to insert comments in the HTML code.

Comments are not displayed in the browsers. Comments are very useful during the debugging of codes.

```
Understanding Comment ×
                             test.html
            i view-source:/home/sreenath/Desktop/test.html
1 <!DOCTYPE html>
                                   Comment to help developer
  <html>
  <!-- Head section begins -->
  <head>
      <title>Understanding Comment/s</title>
  </head>
7 <!-- Head section ends -->
8 <!-- body section starts -->
  <body>
      <h1>Comments</h1>
      A Comment is used to add helpful information to the developer.
11
      <!-- <p>Comments can be extremely helpful while debugging applications.
13 </body>
14 <!-- body section ends -->
15 </html>
                                           Comment to hide web content
```

Summary

• Comments are not displayed by the browser, but they can help document your HTML source code.

```
<!-- Write your comments here -->

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```