

CSS 12-4

```
body {
  margin: 0;
  counter-reset: section, nav;
}
#menu, #contents {
  border: solid 1px #930;
  margin: 10px;
}
#menu {
  margin-bottom: 20px;
  background-color: #fa0;
}
#menu ul {
  display: list-item;
  list-style: none;
  padding-left: 0;
  margin: 5px;
}
#menu ul li {
  display: inline-block;
  margin-left: 5px;
  font-weight: bold;
}
#menu ul li:before {
  content: "\25A0";
  color: #930;
  display: inline-block;
}
#menu ul li a {
  text-decoration: none;
  color: #930;
}
#contents {
```

CSS 12-4 (cont)

```
  padding: 20px;
  position: relative;
}
.introduction {
  display: flex;
  align-items: flex-start;
}
.introduction h1 {
  background-color: #fa0;
  border: solid 1px #930;
  text-transform: uppercase;
  padding: 15px;
  margin: 0;
  min-width: 320px;
}
.introduction h1::after {
  content: " From Wikipedia,
the free encyclopedia";
  font-size: 0.35em;
  text-transform: none;
  display: block;
}
.introduction p {
  font-style: italic;
  font-size: 0.7em;
  margin: 0;
  margin-left: 25px;
  text-align: right;
}
.introduction + .section {
  border-bottom: solid 1px
#fa0;
}
.section h2 {
  text-decoration: underline;
```

CSS 12-4 (cont)

```

}
.section h2:before {
  counter-increment: section;
  content: counter(section) ".
";
}
.section p {
  text-align: justify;
}
#conclusion {
  background-color: #930;
  color: white;
  display: inline-block;
  position: absolute;
  right: 15px;
  bottom: -20px;
}
#conclusion p {
  margin: 1px;
}
#conclusion p:before {
  content: "(";
}
#conclusion p:after {
  content: ")";
}
@media (max-width: 1000px) {
  #menu, #contents {
    border: 0px;
    margin: 0;
  }
  #contents {
    padding: 0;
  }
}
```

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CSS 12-4 (cont)

```
#menu {
  margin-bottom: 0;
  background-color: #fff;
}
#menu ul {
  display: none;
  margin: 0;
}
#menu::before {
  content: "☰";
  color: white;
  background-color: #02b;
  display: block;
}
#menu:hover ul {
  display: block;
}
#menu ul li {
  background-color: #777;
  text-align: center;
  border-radius: 5px;
  display: block;
  margin: 0;
}
#menu ul li:before {
  content: "";
}
#menu ul li a {
  text-decoration: none;
  color: white;
  text-transform:
uppercase;
  font-weight: normal;
}
```

CSS 12-4 (cont)

```
#menu ul li a::before {
  counter-increment: nav;
  content: counter(nav) "
- ";
}
.introduction {
  display: block;
}
.introduction h1 {
  background-color: #fff;
  border: 0;
  text-transform: none;
  padding: 0;
  min-width: 0;
}
.introduction h1::after {
  content: "";
  display: none;
}
.introduction p {
  font-style: normal;
  font-size: 1em;
  margin: 0;
  margin-left: 0;
  text-align: left;
}
.introduction + .section {
  border-bottom: solid 1px
black;
}
.section, .introduction {
  border-bottom: solid 1px
black;
  padding: 20px 0;
}
.introduction h1, .section
h2 {
```

CSS 12-4 (cont)

```
  text-align: center;
  text-decoration: none;
}
.introduction h1:before,
.section h2:before {
  counter-increment:
section;
  content: counter(s-
ection) " - ";
}
.section p {
  text-align: left;
}
#conclusion {
  position: inherit;
  display: block;
  color: white;
  background-color: black;
  right: 0;
  bottom: 0;
}
#conclusion p {
  font-size: 0.8em;
  text-align: right;
}
#conclusion p:before {
  content: "";
}
#conclusion p:after {
  content: "";
}
}
```



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HTML 12-4

```
<!DOCTYPE html>
<html>
<head>
<title>Web Applications</title>
<meta http-equiv="content-type"
content="text/html; charset=UTF-8">
<link rel="StyleSheet" href="E-
xercice-12-3.css" type="text/cs-
s">
</head>
<body>
<div id="menu">
<ul>
<li><a href="#introduction">In-
troduction</a></li>
<li><a href="#history">History-
</a></li>
<li><a href="#interface">Inter-
face</a></li>
</ul>
</div>
<div id="contents">
<div class="introduction">
<h1 id="introduction">Web
application</h1>
<p>A web application is an
application that is accessed by
users over a network such as the
Internet or an intranet.
The term may also mean a
computer software application
that is coded in a browser-supp-
orted programming language
and reliant on a common web
browser to render the applic-
ation executable.</p>
</div>
<div class="section">
<h2 id="history">History</h2>
```

HTML 12-4 (cont)

```
<p>In earlier computing models,
e.g. in client-server, the load
for the application was shared
between code on the
server and code installed on
each client locally. In other
words, an application had its
own client program
which served as its user
interface and had to be
separately installed on each
user's personal computer.</p>
<p>In contrast, web applications
use web documents written in a
standard format such as HTML and
JavaScript,
which are supported by a variety
of web browsers. Web applic-
ations can be considered as a
specific variant
of client-server software where
the client software is
downloaded to the client machine
when visiting the
relevant web page, using
standard procedures such as
HTTP. During the session, the
web browser interprets and
displays the pages, and acts as
the universal client for any web
application.</p>
</div>
<div class="section">
<h2 id="interface">Interface</-
h2>
<p>Through Java, JavaScript and
other technologies, applicati-
on-specific methods such as
drawing on the screen, playing
audio, and access to the
keyboard and mouse are all
possible. Many services have
```

HTML 12-4 (cont)

```
worked to combine all of these
into a more familiar interface
that adopts the appearance of an
operating system.
General purpose techniques such
as drag and drop are also
supported by these technologies.
</p>
</div>
<div class="conclusion" id="con-
clusion">
<p>This page was last modified
on 27 September 2012 at 19:59.
</p>
</div>
</div>
</body>
</html>
```

12-1 CSS

```
/ Corps /
html {
    background-color: #ccc;
}
body {
    font-family: sans-serif;
    background-color: white;
    width: 85%;
    margin-left: auto;
    margin-right: auto;
    border-left: 1px solid
black;
    border-right: 1px solid
black;
    margin-top: 0;
    padding: 20px;
}
/ Menu /
#menu {
    display: none;
}
```

12-1 CSS (cont)

```
/ Titres /
h1,
h2 {
    color: #66f;
}
h1 {
    text-align: center;
    margin-top: 0;
}
h2 {
    font-style: italic;
}
/ Paragraphes /
.introduction p::first-letter,
.section p::first-letter
{
    font-size: 150%;
}
.introduction p,
.section p
{
    text-indent: 30px;
    text-align: justify;
}
/ Conclusion /
.conclusion {
    border-top: 1px solid #999;
    font-size: 80%;
    text-align: right;
}
```



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