

Using Google Fonts

This tutorial explains the usage of Google Fonts in web pages using stylesheet link and CSS style reference.

Execution of the following sample HTML results in default font output.

```
<!DOCTYPE html>
<html>
<body>

<h2>An Unordered HTML List</h2>

<ul>
  <li>Coffee</li>
  <li>Tea</li>
  <li>Milk</li>
</ul>

<h2>An Ordered HTML List</h2>

<ol>
  <li>Coffee</li>
  <li>Tea</li>
  <li>Milk</li>
</ol>

</body>
</html>
```

Figure 1: Sample HTML for demonstration

An Unordered HTML List

- Coffee
- Tea
- Milk

An Ordered HTML List

1. Coffee
2. Tea
3. Milk

Figure 2: Sample HTML output with default font

Request font

To modify the HTML and include google fonts:

1. Add Google Font API stylesheet link to request required web fonts:

```
<link rel="stylesheet"
      href="https://fonts.googleapis.com/css?family=Roboto">
```

Figure 3: Stylesheet requesting Google Fonts API

Note Roboto is one of the google fonts, use any of the google font names in its place.

2. Add an inline style to the element:

```
<style>
  body {
    font-family: 'Roboto', sans-serif;
    font-size: 24 px;
  }
</style>
```

Figure 4: Declaring style for the element

Note Declare backup web safe font such as sans-serif to allow the browser fall back to its default fonts if needed.

3. Run the edited HTML in a web browser:

```
<!DOCTYPE html>
<html>
<body>
  <link rel="stylesheet"
        href="https://fonts.googleapis.com/css?family=Roboto">
  <style>
    body {
      font-family: 'Roboto', sans-serif;
      font-size: 24 px;
    }
  </style>
<h2>An Unordered HTML List</h2>

<ul>
  <li>Coffee</li>
  <li>Tea</li>
  <li>Milk</li>
</ul>
```

Figure 5: Edited HTML

Successful execution generates the following output:



Figure 6: Output with Google Font Roboto

Using multiple fonts

To use multiple font families, separate the font names with '|' (pipe character). Replace spaces within font names if any with '+' (plus symbol).

```
<link rel="stylesheet"
      href="https://fonts.googleapis.com/css?family=Roboto|Poppins|Noto+Sans">
```

Figure 6: Stylesheet requesting multiple font families

Visit [Google Fonts](https://fonts.google.com/) to see list of available fonts.

Note Requesting too many font families slow down the page loading speed.