

Q1/What are the generic font families? Explain in details with examples.

The generic font family name will specify the attribute that all fonts within that family share, like serif, sans-serif, or monospace. Specific font families: Specific font families are specific fonts with different styles within the one font family name, such as Arial, Times New Roman, and Tahoma.

2. It is recommended to use each family of generic fonts in fallback style. Why?

Using fallbacks in the font-family property, especially when working with generic font families, is a best practice for several reasons:

Cross-Platform Consistency:

Different operating systems and devices may have different default fonts installed. By specifying a generic font family and providing fallbacks, you increase the likelihood that your text will be displayed in a similar style across various platforms.

Fallback Mechanism:

If a user's system doesn't have the first font in the list, the browser automatically moves to the next one until a suitable font is found or it reaches a generic font family. This ensures that even if a specific font isn't available, the content will still be presented in a readable and appropriate manner.

Graceful Degradation:

Using fallbacks promotes graceful degradation. If a user's device lacks access to the preferred font, the design won't break. Instead, the browser will select an alternative font from the list, maintaining the overall structure and legibility of the content.

3. How can you insert Hoverable Table by CSS? Show me by code.

```
<!DOCTYPE html>
```

```
<html><head>
```

```
<style>
```

```
table {
```

```
border-collapse: collapse;
```

```
width: 100%;}
```

```
th, td {
```

```
border: 1px solid black;
```

```
padding: 8px;
```

```
text-align: left;}
```

```
tr:hover {background-color: lightgray;}
```

```
</style></head>
```

```
<body><table>
```

```
<tr>
```

```
<th>Header 1</th>
```

```
<th>Header 2</th>
```

```
<th>Header 3</th>
```

```
</tr>
```

```
<tr>
```

```
<td>Data 1</td>
```

```
<td>Data 2</td>
```

```
<td>Data 3</td>
```

```
</tr>
```

```
<tr>
```

```
<td>Data 4</td>
```

```
<td>Data 5</td>
```

```
<td>Data 6</td>
```

```
</tr>
```

```
</table>
```

```
</body>
```

```
</html>
```

```
Q4) <!DOCTYPE html>
```

```
<html><head>

<style>

ul {

list-style-type: none;

padding: 0;}

ul.outside li::before {content: "•"; margin-right: 5px; }

ul.inside li::before {content: "•";margin-right: 5px;

position: relative;

left: -10px;}

.container {border: 2px solid black;padding: 10px;margin-bottom:

20px;}

</style>

</head>

<body>

<div class="container">

<ul class="outside">

<li>Coffe-A brewed drink prepared from roasted coffe

beans...</li><hr color="black">

<li>Tea</li><hr color="black">

<li>Coca-cola</li>

</ul>

</div>

<div class="container">
```

```
<ul class="inside">
```

```
<li>Coffe-A brewed drink prepared from roasted coffe
```

```
beans...</li><hr color="black">
```

```
<li>Tea</li><hr color="black">
```

```
<li>Coca-cola</li>
```

```
</ul>
```

```
</div>
```

```
</body>
```

```
</html>
```