Assignment

# CSS Grid

Q3 Explain the use of grid-auto-row and grid-auto-column using code examples.

Ans-‘grid-auto-row and grid-auto-column are properties in CSS Grid Layout that control the size and behaviour of grid tracks (rows and columns) that are implicitly created to accommodate grid items that don't fit into explicitly defined grid rows and columns. They help you define the size and behaviour of these automatically generated tracks.

Here are code examples to explain the use of grid-auto-row and grid-auto-column:

<!DOCTYPE html>

<html>

<head>

<style>

.grid-container {

display: grid;

grid-template-rows: 100px 150px 200px;

grid-auto-rows: 50px; /\* Set the size of automatically generated rows \*/

}

.grid-item {

background-color: lightblue;

border: 1px solid darkblue;

}

</style>

</head>

<body>

<div class="grid-container">

<div class="grid-item">1</div>

<div class="grid-item">2</div>

<div class="grid-item">3</div>

<div class="grid-item">4</div>

<div class="grid-item">5</div>

</div>

</body>

</html>

Q5) Explain the difference between justify-items and justify-self using code examples.

Ans: -

justify-items and justify-self are CSS properties used in grid layouts to control the horizontal alignment (justification) of grid items within grid cells. However, they work at different levels within the grid structure.

Here's an explanation of the difference between justify-items and `justify-self using code examples:

justify-items:

justify-items are applied to the grid container and sets the horizontal alignment for all grid items within the grid. It affects all items uniformly.

Here’s a code to represent the difference

<!DOCTYPE html>

<html>

<head>

<style>

.grid-container {

display: grid;

grid-template-columns: repeat(3, 100px);

justify-items: start; /\* Set horizontal alignment for all grid items \*/

}

.grid-item {

background-color: lightblue;

border: 1px solid darkblue;

}

</style>

</head>

<body>

<div class="grid-container">

<div class="grid-item">1</div>

<div class="grid-item">2</div>

<div class="grid-item" style="justify-self: center;">3</div>

<div class="grid-item">4</div>

<div class="grid-item">5</div>

</div>

</body>

</html>