CSS GRID
(GRID ITEM PROPERTIES)

CSS Grid

The CSS Grid offers a grid-based layout system, with rows and columns, making it easier to design web pages

For simplicity, I have divided the topic into three parts:

1. Grid Terminologies

2. Grid Containers (parents)

3. Grid Items (children)

In PART-1 of this Grid SERIES I have discussed about flexbox terminologies, in PART 2 ,3 ,4 and 5 I have discussed about few of the Grid Container properties and in this part we will be discussing about Grid Item properites.

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Following are the grid item properties:

1. grid column

2. grid row

3. grid area

4. justify self

5. align self

CSS Grid

1. grid column -

With this property, you decide from which column line
the item will start and will end on which line.

➡️ grid-column: 1 (grid-column-start) / 5 (grid-column-
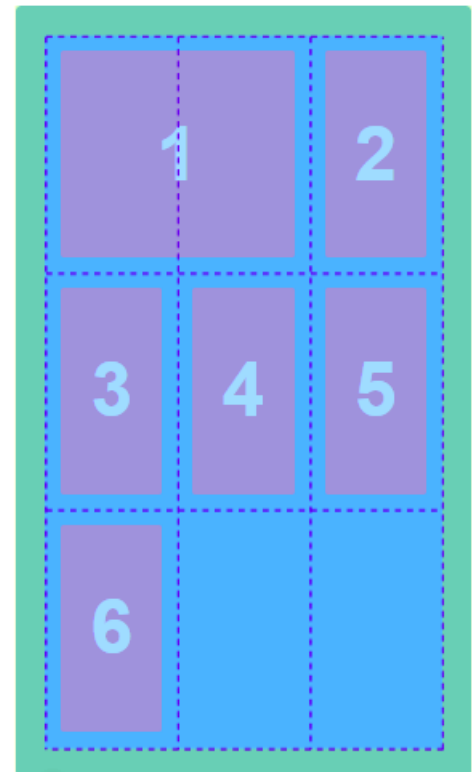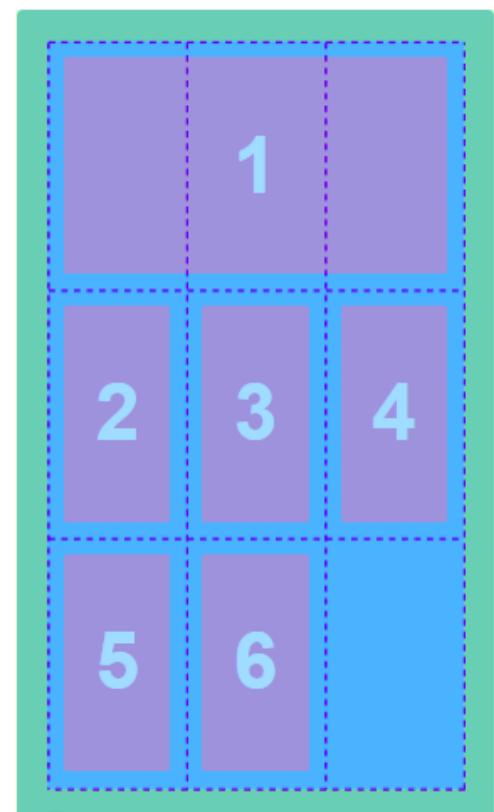end);

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Grid Items Properties

```css
.grid-container {
 display: grid ;
 grid-template-columns: auto auto auto;
 grid-template-rows: auto auto auto;
}

.gitem1{
 grid-columns: 1 / 3;
}
```

```css
.grid-container {
 display: grid ;
 grid-template-columns: auto auto auto;
 grid-template-rows: auto auto auto;
}

.gitem1{
 grid-columns: 1 / span 3;
}
```

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2. grid row -

With this property, you decide from which row line the item will start and will end on which line.

➡️ grid-row: 2 (grid-row-start) / 4 (grid-row-end);

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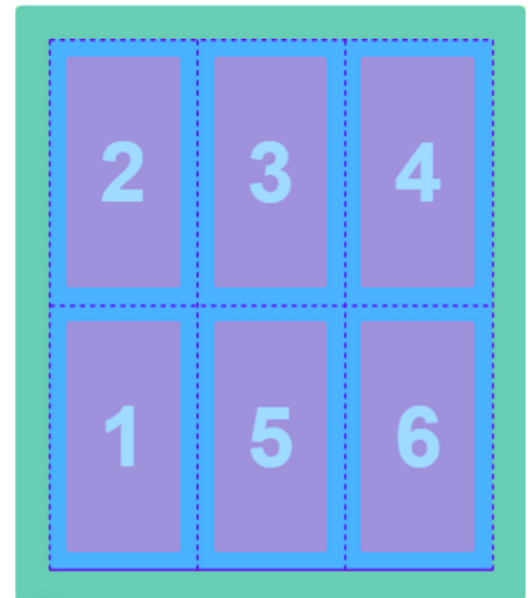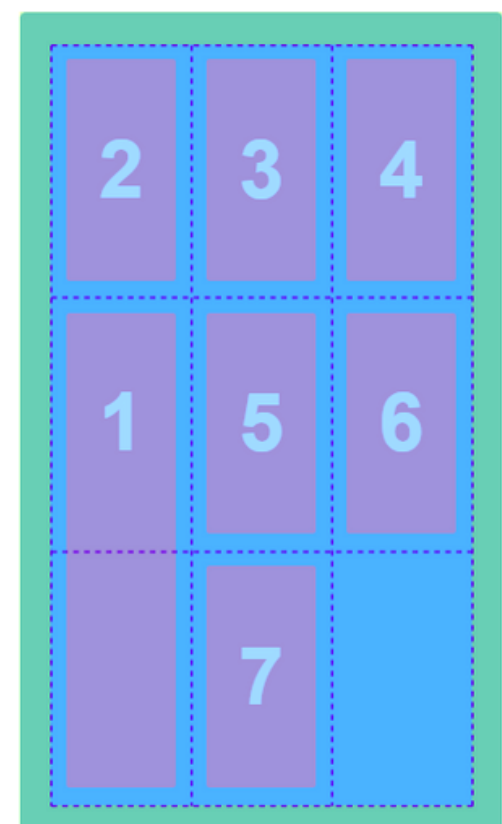## Grid Items Properties

```
.grid-container {
 display: grid ;
 grid-template-columns: auto auto auto;
 grid-template-rows: auto auto auto;
}
.gitem1{
 grid-row: 2 / 3;
}
```

```
.grid-container {
 display: grid ;
 grid-template-columns: auto auto auto;
 grid-template-rows: auto auto auto;
}
.gitem1{
 grid-row: 2 / span 2;
}
```

Follow @PriteshKiri for more tips

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3. grid area:

A shorthand property for the grid-row-start, grid-column-start, grid-row-end, and grid-column-end.

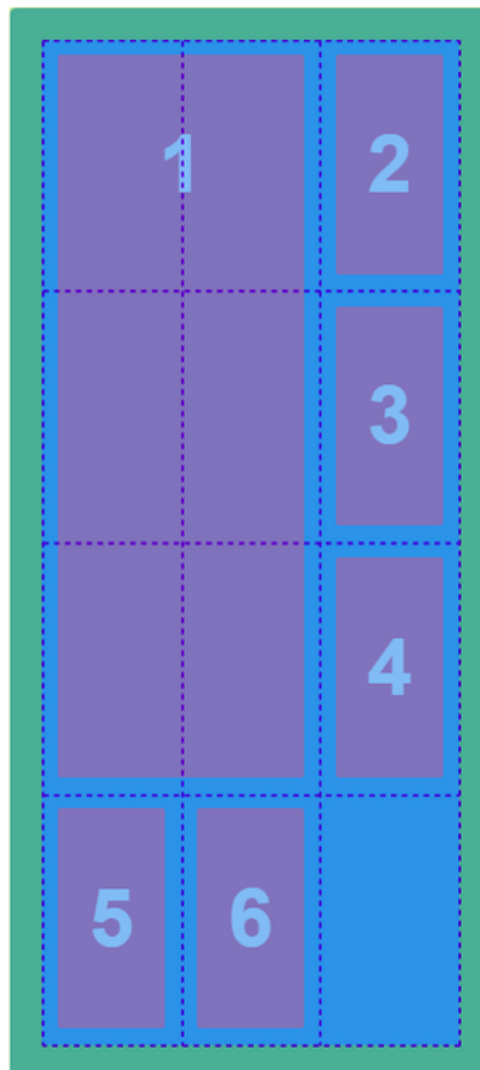➡️ grid-area: 2 (grid-row-start) / 4 (grid-column-start) / 1(grid-row-end) / 5 (grid-column-end) ;

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Grid Items Properties

```css
.grid-container {
 display: grid ;
 grid-template-columns: auto auto auto;
 grid-template-rows: auto auto auto;
}

.gitem1 {
 grid-area: 1 / 1 / 4 / 3;
}
```

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Thanks for reading till the end!

Till now we have covered all the GRID container properties.

In next part I will be discussing about GRID item properties.

Stay tuned !!!

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