Properties the grid layout in father elements

Grid-template-columns and grid-template-rows

Defines the quantity of the columns or rows in a layout and your sizes

Gaps between tracks

For addiction gaps in a layout, you have of utilize the property: gap

But to other property like column-gap and row-gap. All properties they can use the prefixed ‘grid’, but its usage is cosmetic,

Repeat() function

The repeat() is a function CSS that adds a repetition of the code, Your functionality is:

Grid-template-columns: Repeat(3, 1fr);

The value returned is three columns with 1fr of size each

Implicit and Explicit

Explicit is the default and your tracks grid with auto sized for fit the enough of the content. Explicit Properties are grid-template-columns, grid-template-rows, and grid-template-areas.

Implicit is like Explicit, but you can add more sizes in your grid-tracks. Implicitness properties are grid-auto-rows, grid-auto-columns, and grid-auto-areas.

Minmax() function

This function adds the min and max value for size in your grid. The function functionality:

Grid-auto-rows: minmax(100px, auto);

‘auto’ is value for auto sized.

Keyword auto-fill

Auto-fill is a keyword of the repeat. Look the example:

grid-template-columns: repeat(auto-fill, minmax(200px, 1fr));

Properties the grid layout in child elements

Line-based placement

Estas propriedades dizem quantas colunas ou linhas que um elemento filho pode ocupar, sendo o começo com o sufixo ‘start’ e a última com o sufixo ‘end’. As propriedades são:

Grid-column-start, grid-column-end, grid-row-start, grid-row-end

\*Lembre-se de colocar o valor do end 1 a mais do que deseja que ele ocupe

E também à as shorthands que não tem os sufixos end e start:

Grid-column: start / end;

Grid-row: start / end;

Existem também uma estrutura base para colunas que pode ter de 12 a 16 colunas para fazer o layout da página com estar propriedades