

# Task 3

## Problem Statement

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

## Explanation of `grid-auto-rows` and `grid-auto-columns`:

- **`grid-auto-rows`**: This property defines the height of rows that are automatically created when grid items are placed outside the explicitly defined grid structure. If you have more content than defined rows, new rows are created with the size specified by `grid-auto-rows`.

**Example:**

```
<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>
```

```
.grid-container {
  display: grid;
  grid-template-columns: repeat(3, 100px);
  grid-auto-rows: 50px;
  gap: 10px;
}
```

- **`grid-auto-columns`**: This property sets the width of columns that are automatically created when grid items are placed outside the explicitly defined grid columns. When there are more items than defined columns, new columns are created with the size specified by `grid-auto-columns`.

```
<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>
```

```
.grid-container {  
  display: grid;  
  grid-template-rows: repeat(2, 100px);  
  grid-auto-columns: 150px;  
  gap: 10px;  
}
```