POC: Extend Ag-Grid Material Theme

Objectives:

- Discover best method to extend and override Ag-grid material theme.
- Allow app users to dynamically switch themes between light and dark mode.
- For simplicity, most theme style overrides will be made within the SCSS files instead of Javascript.
- Extensively use SASS, however we use CSS variables instead of SASS variables.

Overview:

The Ag-grid Material theme styling will be extended and modified thru the SCSS file @use and @extend. In most cases, not use Javascript to do theme style overrides. Changing the material theme from light to dark mode can be achieved by updating the Ag-grid container tag className="ag-material-${[light | dark]}." The theme change is made thru variable interpolation.
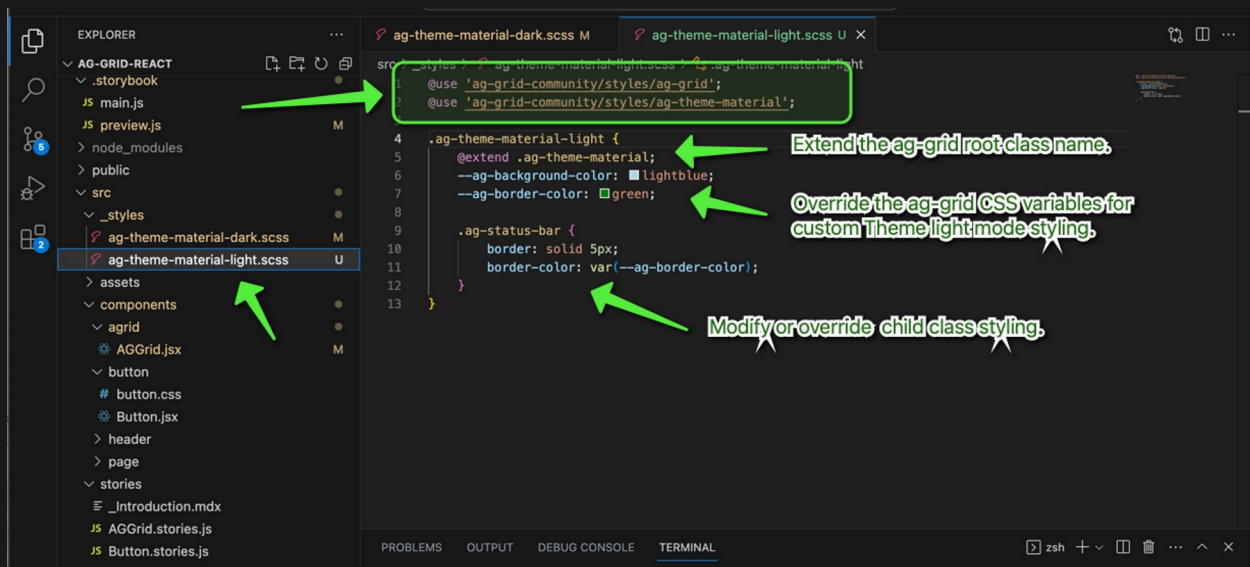
Key SASS syntax:

@use - To inherit and override the ag-grid CSS file, essential and material theme. This syntax replaces the @import.

@extend - To inherit and override the selected ag-grid CSS class of the container div tag that contains the ag-grid element.
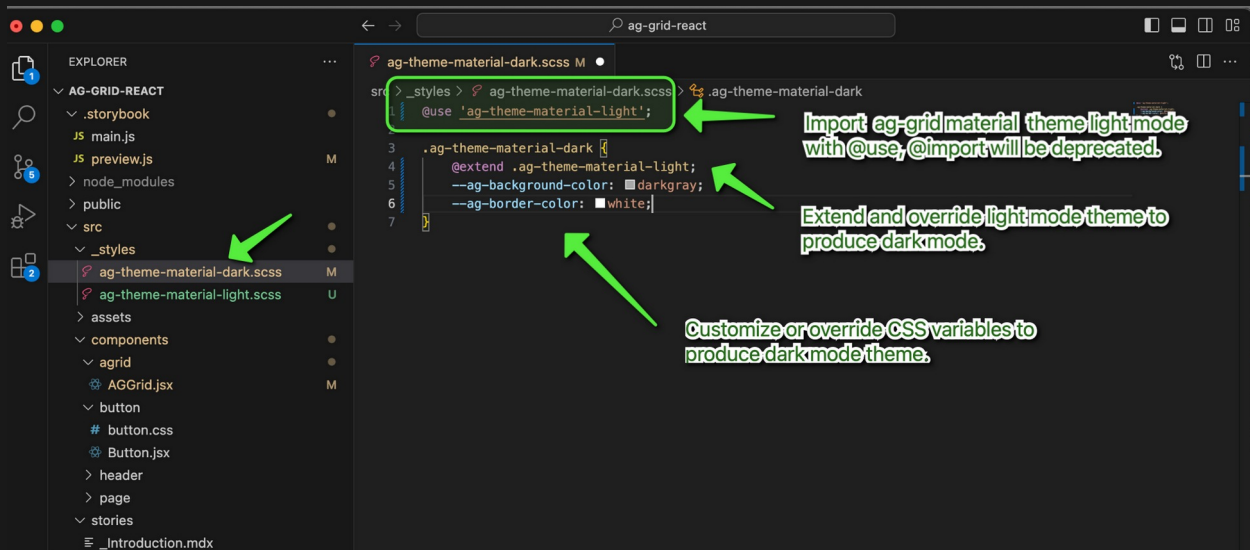
Implementation Detail:

Step 1: Create file ag-theme-material-light.scss

This custom Sass file extends and overrides the ag-grid and material t
heme CSS Key Sass syntax: @use and @extend

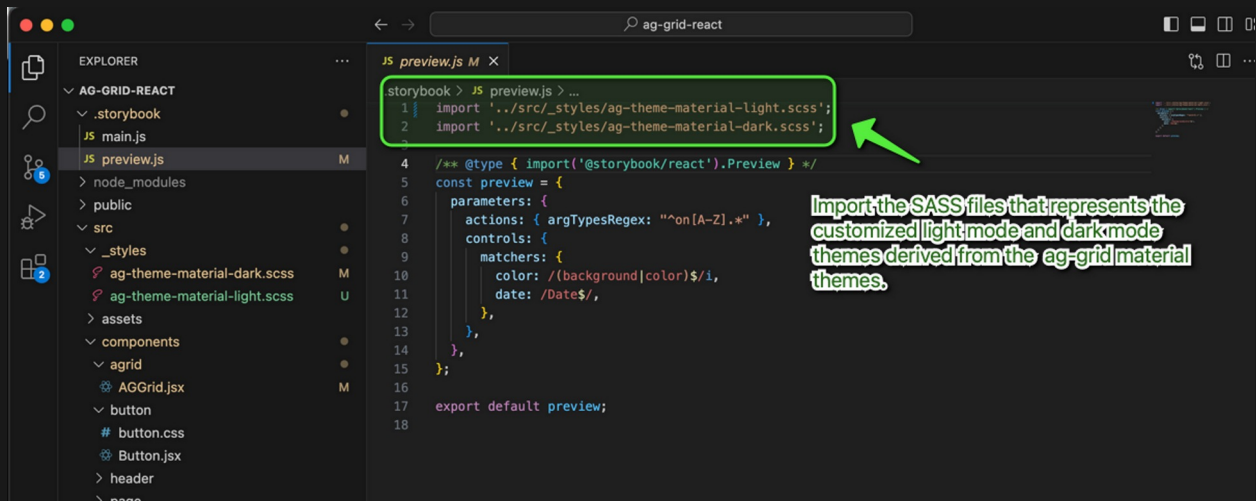## Step 2: Create file ag-theme-material-dark.scss

This custom Sass file extends and overrides the ag-theme-material-ligh
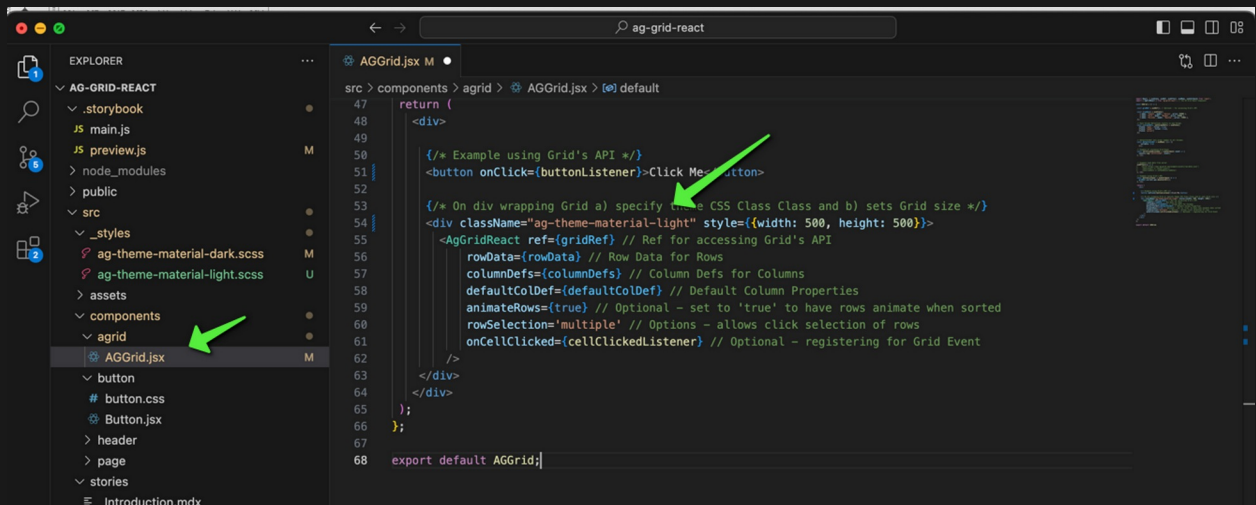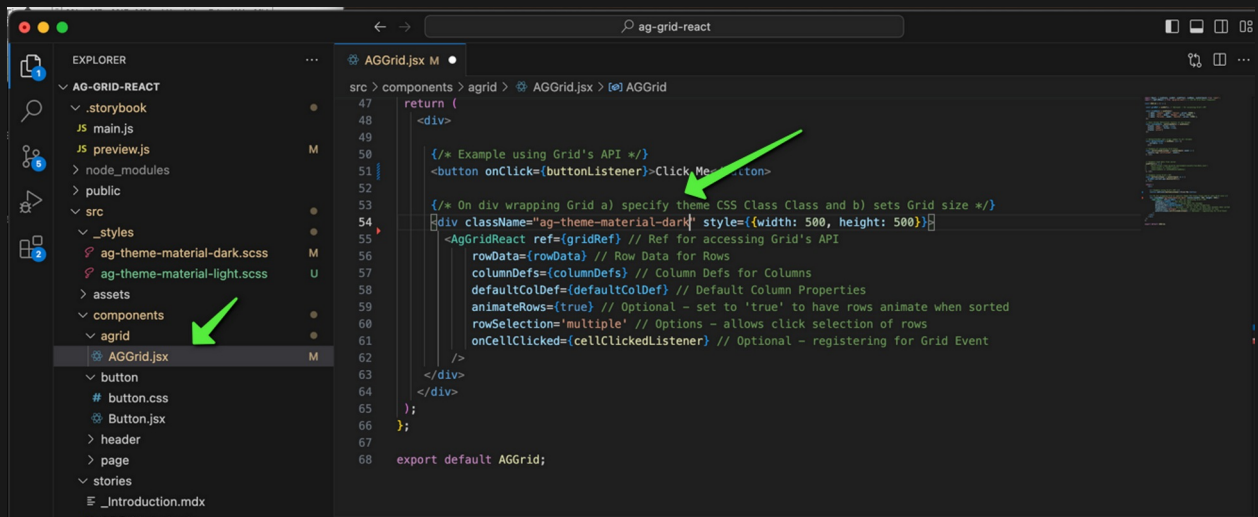t.scss. Key Sass syntax: @use and @extend

Step 3: Import the customized light mode and dark mode themes in the main react app. For Storybook app import in preview.js

Step 4:

In the root container of the ag-grid React interpolate the customized className property

```jsx
47    return (
48        <div>
49
50            {/* Example using Grid's API */}
51            <button onClick={buttonListener}>Click Me...tton>
52
53            {/* On div wrapping Grid a) specify theme CSS Class Class and b) sets Grid size */}
54            <div className="ag-theme-material-dark" style={{width: 500, height: 500}}>
55                <AgGridReact ref={gridRef} // Ref for accessing Grid's API
56                    rowData={rowData} // Row Data for Rows
57                    columnDefs={columnDefs} // Column Defs for Columns
58                    defaultColDef={defaultColDef} // Default Column Properties
59                    animateRows={true} // Optional - set to 'true' to have rows animate when sorted
60                    rowSelection='multiple' // Options - allows click selection of rows
61                    onCellClicked={cellClickedListener} // Optional - registering for Grid Event
62                />
63            </div>
64        </div>
65    );
66 };
67
68 export default AGGrid;
```

Completed