



Angular 5 CT Specialization

Angular Material Lab 13

January 2019

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Adding a filter to the *MatTableDataSource*

1. In the **notes.component.html** file, add the following markup inside the main **<div>** element:

```
<div>
  <h3>Filter the table</h3>

  <mat-form-field>
    <input matInput (keyup)="ApplyFilter($event.target.value)"
      placeholder="Filter string..">
  </mat-form-field>
</div>
```

2. Add the following method inside the **NotesComponent** class:

```
ApplyFilter(filtervalue: string)
{
  this.datasource.filter = filtervalue.trim().toLowerCase();
}
```

3. Serve the application & navigate to **http://localhost:4200/contactmanager/contactmanager**. Click on a contact & view the notes tab. Observe that you can now type a filter string in the textbox. When you start typing, the data table is filtered based on the string entered in the textbox.