Angular\_Pagination & Sorting

* **Commands for installing pagination & sorting**

1. For Sorting: npm I ng2-search-filter –save
2. For pagination: npm install ngx-pagination --save

* **App.component.html**

<h3 style="color: red;">Pagination & Sorting With Custome Table</h3>

<div class="row">

  <input type="text" placeholder="Search Here" [(ngModel)]="searchText" />

</div>

<table class="table" >

<thead>

  <tr>

    <th>No</th>

    <th>Name</th>

    <th>City</th>

  </tr>

</thead>

<tbody>

  <tr \*ngFor= "let game of games |filter:searchText| paginate:{itemsPerPage:5,currentPage:p}; let i=index">

<td>{{i}}</td>

<td>{{game.name}}</td>

<td>{{game.city}}</td>

  </tr>

</tbody>

<pagination-controls (pageChange)="p = $event"></pagination-controls>

</table>

* **App.compnent.ts**

import { Component, ViewChild, OnInit } from '@angular/core';

import { MatTableDataSource } from '@angular/material/table';

import { MatPaginator } from '@angular/material/paginator';

import { MatSort } from '@angular/material/sort';

@Component({

  selector: 'app-root',

  templateUrl: './app.component.html',

  styleUrls: ['./app.component.scss']

})

export class AppComponent implements OnInit {

  searchText: string="";

  p:number=1;

  public games:any;

  ngOnInit() {

     this.games=[

      {

        "id":"1",

        "name":"abc",

        "city":"pune"

      },

      {

        "id":"2",

        "name":"xyz",

        "city":"mumbai"

      },

      {

        "id":"3",

        "name":"avcx",

        "city":"pune"

      },

      {

        "id":"4",

        "name":"mnb",

        "city":"delhi"

      },

      {

        "id":"5",

        "name":"asd",

        "city":"patna"

      },

      {

        "id":"6",

        "name":"sdf",

        "city":"pune"

      },

      {

        "id":"7",

        "name":"lpj",

        "city":"surat"

      },

      {

        "id":"8",

        "name":"jhg",

        "city":"pune"

      },

      {

        "id":"9",

        "name":"pqw",

        "city":"Delhi"

      },

      {

        "id":"10",

        "name":"abc11",

        "city":"surat"

      },

    ]

  }

}

* **App.module.ts**

import { BrowserModule } from '@angular/platform-browser';

import { NgModule } from '@angular/core';

import { AppComponent } from './app.component';

import { BrowserAnimationsModule } from '@angular/platform-browser/animations';

import { AngularMaterialModule } from './angular-material.module';

import {CUSTOM\_ELEMENTS\_SCHEMA } from '@angular/core';

import {Ng2SearchPipeModule} from 'ng2-search-filter'

import { FormsModule } from '@angular/forms';

import {NgxPaginationModule} from 'ngx-pagination'

@NgModule({

  declarations: [

    AppComponent,

  ],

  imports: [

    BrowserModule,

    BrowserAnimationsModule,

    AngularMaterialModule,

    Ng2SearchPipeModule,

    FormsModule,

    NgxPaginationModule

  ],

  providers: [],

  bootstrap: [AppComponent],

  schemas: [CUSTOM\_ELEMENTS\_SCHEMA]

})

export class AppModule { }

* **Output**

