Name - Yash Lakhtariya
Enrollment number - 21162101012
Branch - CBA Batch - 41
FET Practical 13
Code Link for all practicals:
https://github.com/yashslakhtariya/sem4practicals/tree/main/FET

Objective: To understand the framework of Angular, implement one-way, two-way bindings and structural directives (ngFor, ngIf and ngSwitch), wherever applicable.

Exercise:

Develop an Angular application that will recommend some movies based on user's choice. The user should be asked his choice of genres (like comedy, thriller, horror, romcom, romantic, sci-fi and so on). Upon selection, there should be some list of movies that the system would recommend.

Note: You can design the UI/UX on your own.

Structure:

main project : angular_practicals

component: prac13

HTML: (prac12.component.html)

```
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```

```
</b>
   </div>
   <br>
   <b><h3>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;Input String :
</h3>
        <div class="inpt"><input type="number"</pre>
[(ngModel)]="genre"></div></b>
   <br><br>>
   <div class="movies" [ngSwitch]='genre'>
        *ngSwitchCase = '1' >
            *ngFor="let c of comedy">
                 {{c.mv}}
             *ngSwitchCase = '2' >
            *ngFor="let a of action">
                 {{a.mv}}
             *ngSwitchCase = '3' >
            *ngFor="let t of thriller">
```

```
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```

```
{{t.mv}}

</l>
```

CSS : (prac12.component.css)

```
body {
    background-color: #fcecef;
}

div {
    max-width: 800px;
    margin: 0 auto;
    padding: 20px;
```

```
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```

```
background-color: #b75969;
   box-shadow: 0 2px 4px rgba(0, 0, 0, 0.2);
   border-radius: 4px;
   overflow: hidden;
 }
h3 {
   font-size: 32px;
   font-weight: bolder;
   margin-top: 0;
   margin-bottom: 20px;
   color: #fcecef;
 }
 input[type="number"] {
   font-weight: bolder;
   width: 95%;
   height: 48px;
   padding: 10px 16px;
   font-size: 16px;
   color: #b75969;
   border: none;
   background-color: #fcecef;
   border-radius: 4px;
   outline: none;
```

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```

```
.menu
{
   width: 80%;
   padding: 10px 16px;
   font-size: 16px;
    color: #222;
   border: none;
   background-color: #fcecef;
   border-radius: 4px;
   box-shadow: 0 2px 4px rgba(0, 0, 0, 0.2);
    outline: none;
.menu p
{
    font-size: larger;
.inpt
   width: 80%;
   padding: 10px 16px;
    font-size: 16px;
    color: #222;
    border: none;
    background-color: #fcecef;
```

```
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```

```
border-radius: 4px;
   box-shadow: 0 2px 4px rgba(0, 0, 0, 0.2);
   outline: none;
.movies
   width: 80%;
   padding: 10px 16px;
   font-size: 16px;
   color: #222;
   border: none;
   background-color: #fcecef;
   border-radius: 4px;
   box-shadow: 0 2px 4px rgba(0, 0, 0, 0.2);
   outline: none;
.movies ul
   font-size: larger;
   font-weight: bolder;
   color: #b75969;
```

```
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```

TS: (prac12.component.ts)

```
import { Component } from '@angular/core';
@Component({
selector: 'app-prac13',
templateUrl: './prac13.component.html',
styleUrls: ['./prac13.component.css']
})
export class Prac13Component
genre!: number;
comedy: cmdy[] = [{mv: '3 Idiots (Genre: Comedy, Year: 2009)'}, {mv:
'Free Guy (Genre: Comedy, Year: 2021)'}, {mv: 'Dolittle (Genre: Comedy,
Year: 2020)'}, {mv: 'Zero (Genre: Comedy, Year: 2018)'}, {mv:
'Entertainment (Genre: Comedy, Year: 2014)'}];
action: act[] = [{mv: 'Free Guy (Genre: Action, Year: 2021)'}, {mv: 'RRR
(Genre: Action, Year: 2022)'}, {mv: 'Vikram (Genre: Action, Year: 2022)'},
{mv: 'Don2 (Genre: Action, Year: 2011)'}, {mv: 'Baby (Genre: Action, Year:
2015)'}];
thriller: thrl[] = [{mv: 'M3GAN (Genre: Thriller, Year: 2022)'}, {mv:
'Fall (Genre: Thriller, Year: 2022)'}, {mv: 'Predestination (Genre:
Thriller, Year: 2014)'}, {mv: 'Lucy (Genre: Thriller, Year: 2014)'}, {mv:
'Bell Bottom (Genre: Thriller, Year: 2021)'}]
```

```
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```

```
horror: hrr[] = [{mv: 'Smile (Genre: Horror, Year: 2022)'}, {mv: 'The
Witch (Genre: Horror, Year: 2015)'}, {mv: 'M3GAN (Genre: Horror, Year:
2022)'}, {mv: 'Orphan (Genre: Horror, Year: 2009)'}, {mv: 'Roohi (Genre:
Horror, Year: 2021)'}]
class cmdy
{
mv = '';
class act
mv = '';
class thrl
{
mv = '';
class hrr
mv = '';
```

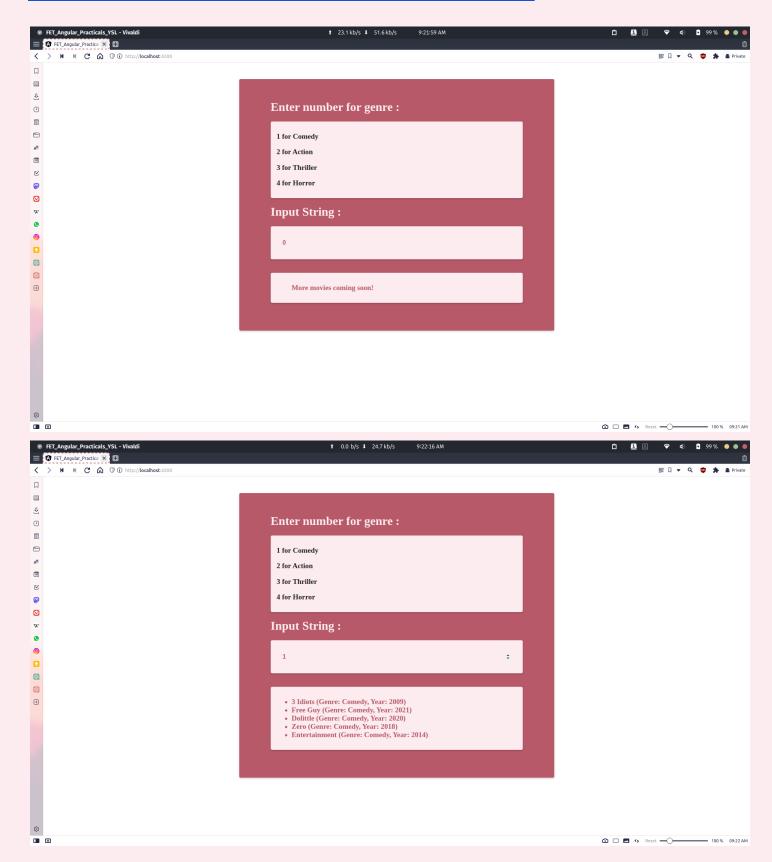
Output:

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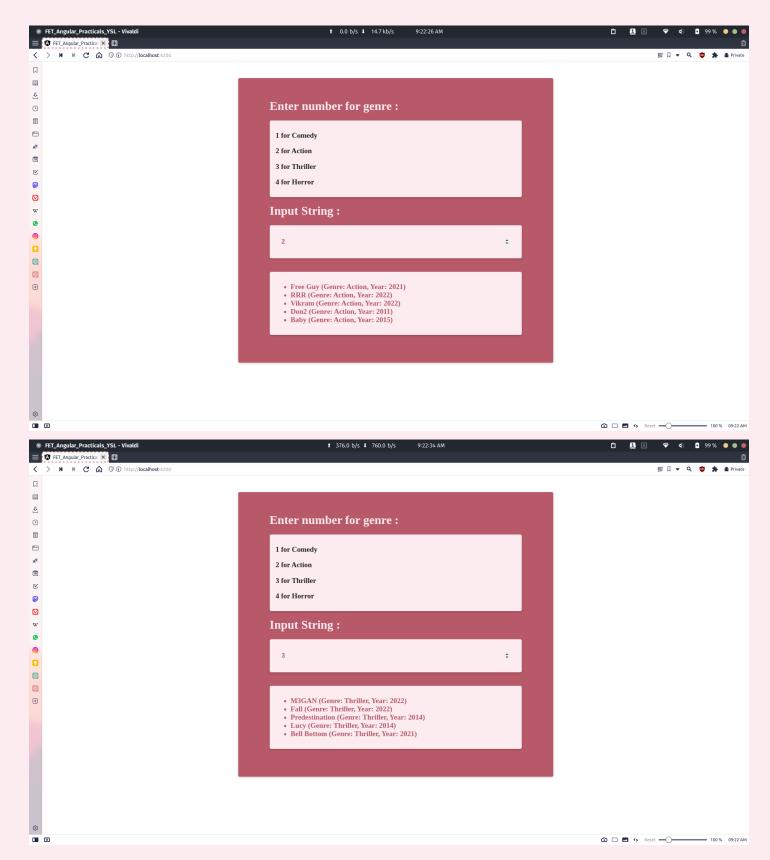


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