

## Phase-4 Practice Project: Assisted Practice

### 2.Property binding

Binding.component.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <h1>Print Student Details</h1>
  <table class="table table-expand table-striped table-bordered table-hover">
    <thead>
      <tr>
        <th>Name</th>
        <th>Rollno</th>
        <th>Class</th>
        <th>Group</th>
      </tr>
    </thead>
    <tbody>
      <!--NgDirective eg: *ngFor-->
      <tr *ngFor="let s of students">
        <td [class.inStock]="true">{{s.Name}}</td> <!--{{}} ->
        interpolation binding-->
        <td [style.font-weight]="weight">{{s.Rollno}}</td>
        <td>{{s.Class}}</td>
        <td>{{s.Group}}</td>

      </tr>
    </tbody>
  </table>
  <p><b>Source to View using interpolation binding</b></p>
  <p>{{name}}</p>
  <p><b>Source to View using property binding</b></p>
  <a [href]="url">YouTube</a><br>
  <div class="container">
    <button class="btn btn-primary" (click)="show()">Show div</button>
```

```

        <div *ngIf="flag" style="background-color: rgb(247, 167, 247);">
            Event Binding
        </div>
    </div>
</body>
</html>

```

**Binding.component.ts:**

```

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

@Component({
  selector: 'app-binding',
  templateUrl: './binding.component.html',
  styleUrls: ['./binding.component.css']
})
export class BindingComponent implements OnInit {

  constructor() { }

  ngOnInit(): void {
    //property binding
    students=[{Name:"Raj", Rollno:42, Class:"XI", Group:"Biology"},
    {Name:"Alex", Rollno:38, Class:"XI", Group:"Computer Science"},
    {Name:"Angel", Rollno:50, Class:"XI", Group:"Commerce"},
    {Name:"George", Rollno:36, Class:"XI", Group:"Biology"},
    {Name:"Chrissy", Rollno:96, Class:"XI", Group:"Commerce"},]
    name:string="YouTube";
    url:string="youtube.com" //class binding
    weight:number=700; //style binding

    flag=false;//event bindings
    show(){
      this.flag=!this.flag;
    }
  }
}

```

## OUTPUT:

The screenshot shows a web browser window with the address bar set to `localhost:54545`. The page title is "Print Student Details". Below the title is a table with four columns: Name, Rollno, Class, and Group. The table contains five rows of student data. Below the table, there are two sections: "Source to View using interpolation binding" and "Source to View using property binding". The first section shows a "YouTube" link. The second section shows a "YouTube" link and a "Show div" button. The browser's taskbar at the bottom shows various application icons, including a search bar, file explorer, and several open applications. The system tray on the right shows the temperature as 33°C, the date as 21-09-2022, and the time as 11:53.

Name	Rollno	Class	Group
Raj	42	XI	Biology
Alex	38	XI	Computer Science
Angel	50	XI	Commerce
George	36	XI	Biology
Chrissy	96	XI	Commerce

Source to View using interpolation binding

YouTube

Source to View using property binding

YouTube

Show div

Event Binding

Activate Windows  
Go to Settings to activate Windows.