SCRIPTING LAB ASSIGNMENT-7

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**Roll No.:**40

**Sec:** B

**Project-Link:**

Source Codes:

todo-header:

todo-header.component.css:

h1{

    text-align: center;

    background-color: lightblue;

}

todo-header.component.html:

<h1>This is the header of the Site</h1>

todo-input:

todo-input.component.css:

.textdiv{

    text-align:center;

}

.textdiv input{

    height:30px;

    width:50%;

}

.Button{

    position: absolute;

    margin-left: 1000px;

}

.List ul{

    list-style-type: none;

    text-align:center;

}

todo-input.component.html:

<div class="textdiv">

    <input #newTask

      (keyup.enter)="addTask(newTask.value)"

      (blur)="addTask(newTask.value); newTask.value='' ">

</div>

<div class="Button"><button (click)="addTask(newTask.value)">Add</button></div>

<app-todo-list [tasks]="tasks"></app-todo-list>

todo-input.component.ts:

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

@Component({

  selector: 'app-todo-input',

  templateUrl: './todo-input.component.html',

  styleUrls: ['./todo-input.component.css']

})

export class TodoInputComponent{

  tasks = ['Study', 'Web Development', 'Water the plants', 'Meditation'];

  addTask(newTask: string) {

    if (newTask) {

      this.tasks.push(newTask);

    }

  }

}

todo-list:

todo-list.component.css:

.List ul{

    list-style-type: none;

    text-align:center;

}

todo-list.component.html:

<div class="List"><ul><li \*ngFor="let task of tasks">{{task}}</li></ul></div>

<app-todo-footer [tasks]="tasks"></app-todo-footer>

todo-list.component.ts:

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

@Component({

  selector: 'app-todo-list',

  templateUrl: './todo-list.component.html',

  styleUrls: ['./todo-list.component.css']

})

export class TodoListComponent implements OnInit {

  @Input() tasks: string[];

  constructor() { }

  ngOnInit(): void {

  }

}

todo-footer:

todo-footer.component.css:

h2{

    text-align:center;

}

todo-footer.component.html:

<br>

<h2>The number of items in the list is:{{tasks.length}}</h2>

todo-footer.component.ts:

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

@Component({

  selector: 'app-todo-footer',

  templateUrl: './todo-footer.component.html',

  styleUrls: ['./todo-footer.component.css']

})

export class TodoFooterComponent implements OnInit {

  @Input() tasks: string[];

  constructor() { }

  ngOnInit(): void {

  }

}

todo.component.html:

<app-todo-header></app-todo-header>

<app-todo-input></app-todo-input>

<app-todo-list></app-todo-list>

<app-todo-footer></app-todo-footer>

OUTPUT IN THE BROWSER:Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

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Graphical user interface, text, application, email

Description automatically generated