Молдавский Государственный Университет

Отчёт по   
лабораторной работе №2  
по предмету  
«Framework»

Преподаватель: Бодруг Светлана  
Отчёт подготовила Балуцел Дарья,  
Группа IA-1902

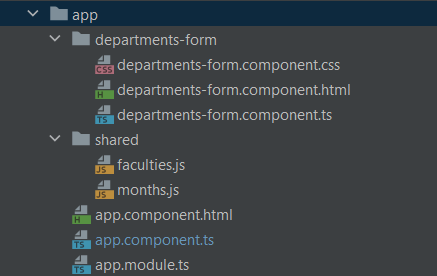
Кишинёв, 2021

**Задание**

Создать форму, в которой пользователь вводит фамилию и имя, дату рождения и критерий поиска факультета, по которому производится поиск.

Вывести фамилию и имя заглавными буквами, название месяца и факультет.

**Код**

**

*Структура проекта*

<app-departments-form></app-departments-form>

app.component.html

<div class="container">  
 <form>  
 <div class="form-group required">  
 <label for="name"  
 class="control-label">Name </label>  
 <input type="text"  
 id="name"  
 name="name"  
 class="form-control"  
 [(ngModel)]="name">  
 </div>  
 <div class="form-group required">  
 <label for="surname"  
 class="control-label">Surname </label>  
 <input type="text"  
 id="surname"  
 name="surname"  
 class="form-control"  
 [(ngModel)]="surname">  
 </div>  
 <div class="form-group required">  
 <label for="date"  
 class="control-label">Date of Birth </label>  
 <input type="date"  
 id="date"  
 name="date"  
 class="form-control"  
 [(ngModel)]="date">  
 </div>  
 <div class="form-group required">  
 <label class="control-label"  
 for="exampleDataList">Faculty </label>  
 <input list="facultiesList"  
 class="form-control"  
 type="text"  
 name="selectedFaculty"  
 [(ngModel)]="selectedFaculty"  
 id="exampleDataList">  
 <datalist id="facultiesList">  
 <option *\*ngFor*="let ***faculty*** of faculties; index as ***i***"  
 value="{{ ***faculty***.***name*** }}"  
 id="i">{{ ***faculty***.***description*** }}  
 </option>  
 </datalist>  
 </div>  
 <button class="btn btn-primary" type="button" (click)="getResult()">Log Info</button>  
 <br>  
 <p>{{result}}</p>  
 </form>  
</div>

departments-form.component.html

import {***Component***} from '@angular/core';  
// @ts-ignore  
import {***faculties***} from "../shared/faculties.js"  
// @ts-ignore  
import {***months***} from "../shared/months.js"  
  
@Component({  
 selector: 'app-departments-form',  
 templateUrl: './departments-form.component.html',  
 styleUrls: ['./departments-form.component.css']  
})  
  
export class DepartmentsFormComponent {  
 name: string = '';  
 surname: string = '';  
 result: string = '';  
 date: string = '';  
  
 faculties: { name: string, description: Array<string> }[] = ***faculties***;  
 months: Array<string> = ***months***;  
  
 selectedFaculty: string = '';  
  
 toCapitalize(): string {  
 return `${this.name} ${this.surname}`.toUpperCase();  
 }  
  
 getDateOfBirth(): string {  
 const month = this.date.substr(5, 2)  
 const date = this.date.substr(-2, 2)  
 const year = this.date.substr(0, 4)  
 return `Your date of birth is: ${date} of ${***months***[+month - 1]}, ${year}`  
 }  
  
 getResult() {  
 if (this.date && this.selectedFaculty && this.name && this.surname) {  
 this.result = `${this.toCapitalize()}  
 ${this.getDateOfBirth()},  
 ${this.selectedFaculty}`;  
 } else {  
 this.result = 'Please, introduce your data'  
 }  
 }  
}

departments-form.component.ts

p {  
 margin-top: 16px;  
}

departments-form.component.css

export const ***faculties*** = [  
 {  
 name: 'Faculty of Biology and Soil Science',  
 description: ['biology', 'soil', 'life']  
 },  
 {  
 name: 'Faculty of Chemistry and Chemical Technology',  
 description: ['chemistry', 'chemical', 'substance', 'biopharmaceutics']  
 },  
 {  
 name: 'Faculty of Law',  
 description: ['law', 'criminal', 'civil', 'rights']  
 },  
 {  
 name: 'Faculty of Physics and Engineering',  
 description: ['physics', 'engineering', 'IT']  
 },  
 {  
 name: 'Faculty of History and Philosophy',  
 description: ['history', 'philosophy', 'archaeology', 'anthropology']  
 },  
 {  
 name: 'Faculty of Journalism and Communication Sciences',  
 description: ['journalism', 'communication', 'TV', 'social media']  
 },  
 {  
 name: 'Faculty of Letters',  
 description: ['letters', 'french', 'english', 'romanian', 'russian', 'german', 'spanish', 'translation']  
 },  
 {  
 name: 'Faculty of Mathematics and Computer Science',  
 description: ['IT', 'mathematics', 'computer', 'computer science']  
 },  
 {  
 name: 'Faculty of Psychology and Education Sciences, Sociology and Social Work',  
 description: ['psychology', 'education', 'sociology', 'social work', 'pedagogy', 'family']  
 },  
 {  
 name: 'Faculty of International Relations, Political Sciences and Public Administration',  
 description: ['international', 'politics', 'management', 'administrative']  
 },  
 {  
 name: 'Economic Sciences',  
 description: ['economics', 'tourism', 'business', 'accounting', 'marketing']  
 },  
]

faculties.js

export const ***months*** = [  
 'January',  
 'February',  
 'March',  
 'April',  
 'May',  
 'June',  
 'July',  
 'August',  
 'September',  
 'October',  
 'November',  
 'December'  
]

months.js

**Результат**

