




# Workshop









Somkiat

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Somkiat Puisungnoen

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22 Pending Items



Intro


Software Craftsmanship


Software Practitioner at สยามชำนาญกิจ พ.ศ. 2556


Agile Practitioner and Technical at SPRINT3r


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15 mins · Bangkok ·


Java and Bigdata

...

Getting start with Angular

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**+ Add a Button**

# Workshop



# Feature 1

## Add data to array

First name:	<input type="text" value="firstname"/>
Last name:	<input type="text" value="lastname"/>

Count = 1/5

- firstname lastname
- firstname lastname
- ~~firstname lastname~~
- firstname lastname
- firstname lastname



# User.component.ts

```
users = [];  
show = true;  
selected = 0;
```

```
saveData(): void {  
  const fullName = `${this.firstName} ${this.lastName}`;  
  this.users.push({ name: fullName, status: false });  
}
```

```
onSelect(index: number): void {  
  this.users[index].status = !this.users[index].status;  
  this.selected = this.users.filter((u) => u.status).length;  
}
```



# User.component.html

```
<p>Count = {{ selected }}/{{ users.length }}</p>
```

```
<ul *ngIf="show">  
  <li  
    *ngFor="let user of users; let i = index"  
    [class.selected]="user.status"  
    (click)="onSelect(i)"  
  >  
    {{ user.name }}  
  </li>  
</ul>
```



# User.component.css

```
li:hover {  
    cursor: pointer;  
}  
li.selected {  
    text-decoration: line-through;  
}
```





# Reactive Forms Module

<https://angular.io/guide/reactive-forms>



# app.module.ts

```
...  
import { ReactiveFormsModule } from '@angular/forms';  
  
...  
  
@NgModule({  
  declarations: [AppComponent, UsersComponent],  
  imports: [BrowserModule, AppRoutingModule, ReactiveFormsModule],  
  providers: [],  
  bootstrap: [AppComponent],  
})  
export class AppModule {}
```



# User.component.html

```
<form [formGroup]="loginForm" (ngSubmit)="saveData()">
```

First name:

```
<input formControlName="firstName" />
```

```
<br />
```

Last name:

```
<input formControlName="lastName" />
```

```
<br />
```

```
<button>Save</button>
```

```
<br />
```

```
</form>
```



# User.component.ts (1)

```
import { FormGroup, FormBuilder } from '@angular/forms';

export class UsersComponent implements OnInit {

  loginForm: FormGroup;
  constructor(private formBuilder: FormBuilder) {}

  ngOnInit(): void {
    this.loginForm = this.formBuilder.group({
      firstName: [''],
      lastName: [''],
    });
  }
}
```



# User.component.ts (2)

```
get f() {  
    return this.loginForm.controls;  
}  
  
saveData(): void {  
    const fullName = `${this.f.firstName.value} ${  
this.f.lastName.value}`;  
  
    this.users.push({ name: fullName, status: false });  
}
```



# Validation with form

<https://angular.io/guide/reactive-forms>

