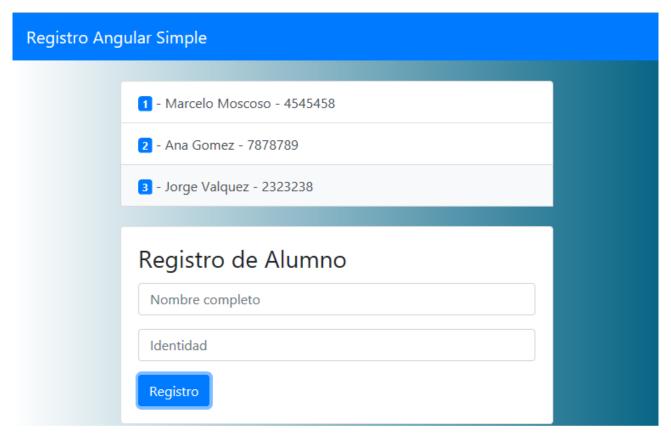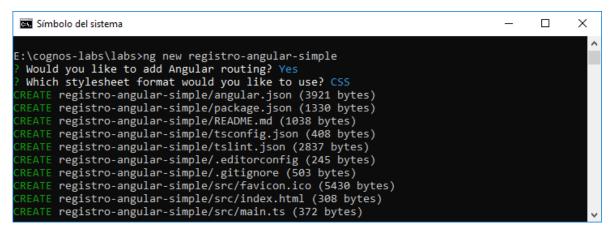**Laboratorio Directiva ngModel**

#ng new registro-angular-simple

#cd registro-angular-simple

npm i bootstrap

/angular.json

```
        "styles": [
          "src/styles.css",
          "node_modules/bootstrap/dist/css/bootstrap.min.css"
        ],
        "scripts": [
        ]
```

/src/styles.css

```css
body{
    background: #076585;  /* fallback for old browsers */
    background: -webkit-linear-gradient(to right, #fff, #076585);  /* Chrome 10-25,
Safari 5.1-6 */
    background: linear-gradient(to right, #fff, #076585); /* W3C, IE 10+/ Edge,
Firefox 16+, Chrome 26+, Opera 12+, Safari 7+ */

}
```

```
# ng g class models/alumno
```

/src/app/models/alumno.ts

```typescript
export class Alumno {
    id:number;
    nombre_completo:string;
    identidad:string;
}
```

/src/app/app.module.ts

```
import { BrowserModule } from '@angular/platform-browser';
import { NgModule } from '@angular/core';

import { AppRoutingModule } from './app-routing.module';
import { AppComponent } from './app.component';

import { FormsModule } from '@angular/forms';

@NgModule({
  declarations: [
    AppComponent
  ],
  imports: [
    BrowserModule,
    AppRoutingModule,
    FormsModule
  ],
  providers: [],
  bootstrap: [AppComponent]
})
export class AppModule { }
```

/src/app/app.component.ts

```typescript
import { Component } from '@angular/core';
import { Alumno } from './models/alumno';

@Component({
  selector: 'app-root',
  templateUrl: './app.component.html',
  styleUrls: ['./app.component.css']
})
export class AppComponent {
  alumnoArray: Alumno[] = [
    {id: 1, nombre_completo: 'Marcelo Moscoso', identidad: '4545458'},
    {id: 2, nombre_completo: 'Ana Gomez', identidad: '7878789'},
    {id: 3, nombre_completo: 'Jorge Valquez', identidad: '2323238'}
  ];
  selectedAlumno: Alumno = {id:0, nombre_completo: '', identidad: ''};
  openForEdit(Alumno: Alumno): void{
    this.selectedAlumno = Alumno;
  }
  addOrEdit(): void{
    if(this.selectedAlumno.id === 0) // INSERT
    {
      this.selectedAlumno.id = this.alumnoArray.length + 1;
      this.alumnoArray.push(this.selectedAlumno);
    }
    this.selectedAlumno = {id:0, nombre_completo: '', identidad: ''};
  }
  delete(): void{
    if(confirm('Are you sure you want to delete it?'))
    {
      this.alumnoArray = this.alumnoArray.filter(x => x != this.selectedAlumno);
      this.selectedAlumno = {id:0, nombre_completo: '', identidad: ''};
    }
  }
}
```

/src/app/app.component.html

```html
<nav class="navbar navbar-dark bg-primary">
  <a class="navbar-brand" href="#">
    Registro Angular Simple
  </a>
</nav>

<div class="container">
  <div class="row">
    <div class="col-md-8 mt-4">
      <ul class="list-group">
        <li
          *ngFor="let alumno of alumnoArray"
          class="list-group-item list-group-item-action"
          (click)="openForEdit(alumno)"
          [class.active]="alumno == selectedAlumno"
        >
          <span class="badge badge-primary">{{alumno.id}}</span> - {{ alumno.nombre_completo }} -
{{alumno.identidad}}
        </li>
        <div class="card mt-4">
          <div class="card-body">
            <div class="card-title">
              <h3>{{selectedAlumno.id == 0 ? "Registro de Alumno" : "Actualizando Alumno"}}</h3>
            </div>
            <div class="form-group">
              <input type="text" [(ngModel)]="selectedAlumno.nombre_completo" placeholder="Nombre completo"
class="form-control">
            </div>
            <div class="form-group">
              <input type="text" [(ngModel)]="selectedAlumno.identidad" placeholder="Identidad" class="form-
control">
            </div>
            <button (click)="addOrEdit()" class="btn btn-primary">
              Registro
            </button>
            <button
              *ngIf="selectedAlumno.id !== 0"
              class="btn btn-danger"
              (click)="delete()"
            >
              Eliminar
```

```html
          </button>
        </div>
      </div>
    </ul>
  </div>
  <div class="col-md-4">
    logo
  </div>
</div>
</div>
```

```
echo "# registro-angular-simple" >> README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin https://github.com/desalab/registro-angular-simple.git
git push -u origin master
```