



# Universidad Politécnica de Pachuca

## Ingeniería en Tecnologías de la Información e Innovación Digital

APLICACIONES WEB

PRÁCTICA 06-MODAL

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The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer (Left):** Shows the project structure for "PRACTICA 6". The "src" folder contains "app" which has "contacto" (containing "contacto.css", "contacto.html", "contacto.spec.ts", and "contacto.ts"), "app.config.server.ts", "app.config.ts", "# app.css", "app.html", "app.routes.server.ts", "app.routes.ts", "app.spec.ts", "app.ts", and "index.html".
- Code Editor (Right):** The file "contacto.ts" is open. The code defines a component "Contacto" with a template URL pointing to "contacto.html" and a style URL pointing to "contacto.css". It also includes a class "Contacto" with a method "soloLetras" that replaces non-alphanumeric characters with an empty string.

```
import { Component } from '@angular/core';
import { NgForm } from '@angular/forms';
import { FormsModule } from '@angular/forms';
import { CommonModule } from '@angular/common';
declare var bootstrap: any;

@Component({
  selector: 'app-contacto',
  standalone: true,
  imports: [FormsModule, CommonModule],
  templateUrl: './contacto.html',
  styleUrls: ['./contacto.css'],
})
export class Contacto {
  tituloModal = '';
  mensajeModal = '';

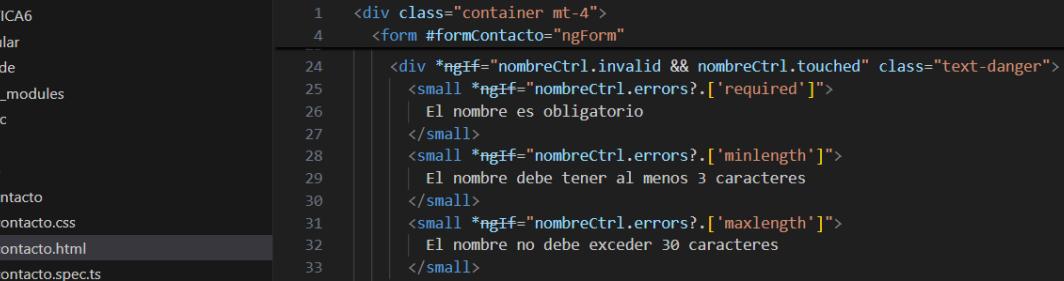
  soloLetras(event: any) {
    const valor = event.target.value;
    event.target.value = valor.replace(/[^a-zA-ZáéíóúÁÉÍÓÚñ\s]/g, '');
  }
}
```

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer (Left):** Shows the same project structure as the first screenshot.
- Code Editor (Right):** The file "contacto.ts" is open, continuing from the previous code. It includes a method "procesarFormulario" that checks if the form is invalid, sets modal messages, and shows a Bootstrap modal if the form is valid.

```
export class Contacto {
  procesarFormulario(form: NgForm) {
    if (form.invalid) {
      this.tituloModal = 'Error';
      this.mensajeModal = 'Completa correctamente todos los campos.';
    } else {
      this.tituloModal = 'Éxito';
      this.mensajeModal = 'Formulario enviado correctamente.';
      form.resetForm();
    }

    const modal = document.getElementById('modalResultado');
    if (modal) {
      new bootstrap.Modal(modal).show();
    }
  }
}
```



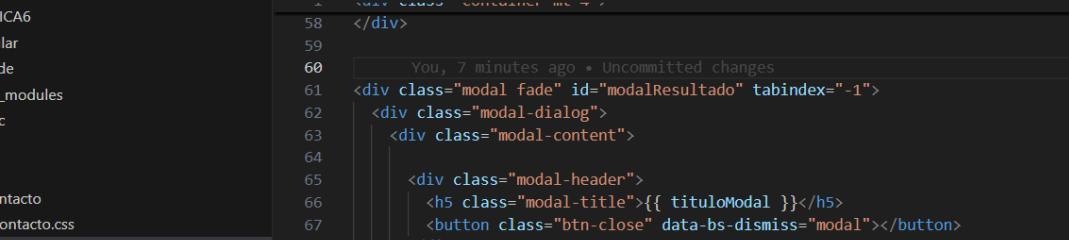
```
File Edit Selection View Go Run ... < > Q Practica 6

EXPLORER
PRACTICA 6
PRACTICA6
> .angular
> .vscode
> node_modules
> public
src
  app
    contacto
      # contacto.css
      contact.html
      contacto.spec.ts
      contacto.ts
      TS app.config.server.ts
      TS app.config.ts
      # app.css
      app.html
      TS app.routes.server.ts
      TS app.routes.ts
      TS app.spec.ts
      TS app.ts
      index.html
      TS main.server.ts

ts contacto.ts < contact.html ●

PRACTICA6 > src > app > contacto > contact.html ...
1  <div class="container mt-4">
4    <form #formContacto="ngForm"
24   <div *ngIf="nombreCtrl.invalid && nombreCtrl.touched" class="text-danger">
25     <small *ngIf="nombreCtrl.errors?.['required']">
26       | El nombre es obligatorio
27     </small>
28     <small *ngIf="nombreCtrl.errors?.['minlength']">
29       | El nombre debe tener al menos 3 caracteres
30     </small>
31     <small *ngIf="nombreCtrl.errors?.['maxlength']">
32       | El nombre no debe exceder 30 caracteres
33     </small>
34   </div>
35
36   <div class="text-danger mt-1"
37     <small *ngIf="nombreCtrl.invalid && nombreCtrl.touched">
38       | El nombre solo debe contener letras.
39     </small>
40   </div>
41
42   <div class="mb-3">
43     <label class="form-label">Correo</label>
44     <input
45       type="email"
46       class="form-control">
```

```
<div class="container mt-4">
  <form #formContacto="ngForm">
    <div class="mb-3">
      <input
        class="form-control"
        name="correo"
        ngModel
        required
        email>
    </div>
    <button class="btn btn-primary" type="submit">
      Enviar
    </button>
  </form>
</div>
```



```
</div>
<div class="modal fade" id="modalResultado" tabindex="-1">
  <div class="modal-dialog">
    <div class="modal-content">
      <div class="modal-header">
        <h5 class="modal-title">{{ tituloModal }}</h5>
        <button class="btn-close" data-bs-dismiss="modal"></button>
      </div>
      <div class="modal-body">
        <p>{{ mensajeModal }}</p>
      </div>
    </div>
  </div>
</div>
```

