

```
//ANGULAR REVISED 8th PROGRAM...
app.component.ts
import { Component } from '@angular/core';
import { FormsModule } from '@angular/forms';
@Component({
  selector: 'app-root',
  standalone: true,
  imports:[FormsModule],
  templateUrl: './app.component.html',
  styleUrls: ['./app.component.css'],
})
export class AppComponent {
  username: string = '';
  password: string = '';
  isFormValid: boolean = false;

  validateForm(): void {
    const usernameRegex = /^[a-zA-Z_]{5,}$/;
    const passwordRegex = /^(?=.*[A-Z])(?=.*[a-z])(?=.*\d)(?=.*[@$!%*?&])[A-Za-z\d@$!%*?&]{8,}$/;

    this.isFormValid = usernameRegex.test(this.username) &&
passwordRegex.test(this.password);
  }

  login(): void {
    if (this.isFormValid) {
      console.log('Username:', this.username);
      console.log('Password:', this.password);
      // Perform login logic (authentication) here
    }
  }
}
}
```

```
app.component.html
<div>

  <h1>Login</h1>

  <div>
    <label for="usernameInput">Username:</label>
    <input id="usernameInput" type="text" [(ngModel)]="username"
(input)="validateForm()" required pattern="^[a-zA-Z_]{5,}$" />
  </div>

  <div>
    <label for="passwordInput">Password:</label>
```

```
<input id="passwordInput" type="password" [(ngModel)]="password"
(input)="validateForm()" required pattern="^(?=.*[A-Z])(?=.*[a-
z])(?=.*\d)(?=.*[@$!%*?&])[A-Za-z\d@$!%*?&]{8,}$" />
</div>

<button (click)="login()" [disabled]="!isFormValid">Login</button>
</div>
```