Angular Form Validation

Turn off HTML5 form validation:

<form novalidate>

 Angular takes over responsibility for validation

Angular Template Reference Variables

```
<form novalidate #loginForm="ngForm">
<input . . . #username="ngModel" . . . >
```

- Template variables set to ngForm and ngModel gives reference to the Angular directive
 - Use this in the template to check for control states such as valid, dirty, errors

Control States

Use template variable name and its control state to check

State	Description
.pristine	true if field/form has not been changed
.dirty	reverse of .pristine
.valid	true if form field/whole form is valid
.invalid	reverse of .valid

Form Validation Examples

Disable submit button:

 button type="submit" . . .
 [disabled]="loginForm.form.invalid">Login</button>

Display error message