**TEMPLATE DRIVEN FORM VALIDATION IN ANGULAR**

**Procedure:**

● Create an angular project using "ng new appname" command.

● Open the application using “ng serve –o”.

● Open the application and create a new component using “ng g c component\_name”.

● The new component will be created inside the app folder of src.

● To open show our component inside the app give the component name in

app.component.html file.

**PROGRAM:**

**app.component.html:**

<div class="template">

<h2>LOAN APPLICATION FORM</h2>

<form #application="ngForm" (ngSubmit)="submit(application.value)">

<div class="form-group">

<label>Enter your name:</label><br><br>

<input type="text" name="uname" [(ngModel)]="name"><br><br>

<div \*ngIf="invalidname"><p>\*please enter valid username!!</p></div>

<label>Enter desired loan amount:</label><br><br>

<input type="number" name="loanamt" [(ngModel)]="loan"><br><br>

<div \*ngIf="invalidloan"><p>The loan amount must be between 1000 and

10,000</p></div>

<label>Enter annual income:</label><br><br>

<input type="number" name="annincome" [(ngModel)]="aincome"><br><br>

<div \*ngIf="notentered">!Please enter your annual income</div>

<div \*ngIf="invalidannualincome">!Please enter valid annual income</div>

</div>

<div class="box">

<pre><input type="checkbox">I agree that the above submitted information are true to

the

best of my knowledge and I am aware that submission of falsy information is

punishable</pre></div>

<button>submit</button>

</form>

</div>

**Styles.css:**

/\* You can add global styles to this file, and also import other style files \*/

\*

{

text-align: center;

font-family: 'Times New Roman', Times, serif;

}

.box

{

display: flex;

align-items: center;

justify-content: center;

text-align: center;

}

.template

{

border: 4px dotted;

margin:40px;

padding:40px;

**}**

**app.component.ts:**

import { Component } from '@angular/core';

@Component({

selector: 'app-root',

templateUrl: './app.component.html',

styleUrls: ['./app.component.css']

})

export class AppComponent {

title = 'template-driven';

name='';

loan=0;

aincome=0;

invalidname=false;

invalidloan=false;

invalidannualincome=false;

notentered=false;

submit(application:any)

{

if(this.name.length<3 || this.name.length>=20)

{

this.invalidname=true;

}

if(this.loan<100 || this.loan>10000)

{

this.invalidloan=true;

}

if(this.aincome==0)

{

this.notentered=true;

}

if(this.aincome<100 && this.aincome!=0)

{

this.invalidannualincome=true;

}

}

**}  
OUTPUT:**

[](https://www.blogger.com/blog/post/edit/4922005606905068458/8048953461441872644)

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