

Module 6: Handling Forms In Angular

Demo Document 1: Create template-driven user registration form

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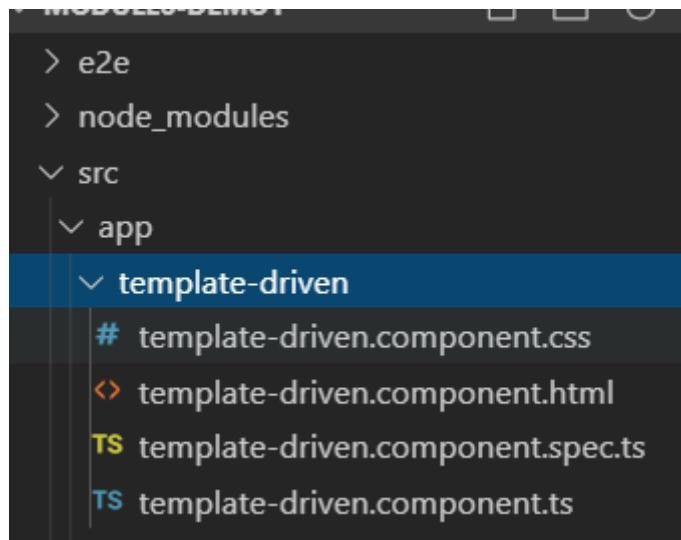
Creating Template driven user registration form

In this demo, we will see how to create template driven user registration form

Step 1: Create new project using command 'ng new Module6-Demo1'.

Step 2: Then, create new component and name it "template-driven".

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
PS D:\Work\TapChief\Edureka\Angular8Demo\Module6_And_7\Module6-Demo1> cd src\app
PS D:\Work\TapChief\Edureka\Angular8Demo\Module6_And_7\Module6-Demo1\src\app> ng g c template-driven
```



Step 3- Open template-driven.component.html and type the below code to build a form

```
<!-- main app container -->
<div class="d-flex justify-content-center">
  <div class="card m-3">
    <h5 class="card-header">Angular 8 Template-Driven Form </h5>
    <div class="card-body">
      <form name="form" (ngSubmit)="f.form.valid && onSubmit()"
#f="ngForm" novalidate>
        <div class="form-row">
          <div class="form-group col">
            <label>Title</label>
            <select name="title" class="form-control"
[(ngModel)]="model.title" #title="ngModel" >
              <option value=""></option>
              <option value="Mr">Mr</option>
```

```

        <option value="Mrs">Mrs</option>
        <option value="Miss">Miss</option>
        <option value="Ms">Ms</option>
    </select>

</div>
<div class="form-group col-5">
    <label>First Name</label>
    <input type="text" name="firstName" class="form-control"
        [(ngModel)]="model.firstName" #firstName="ngModel"
        >

</div>
<div class="form-group col-5">
    <label>Last Name</label>
    <input type="text" name="lastName" class="form-control"
        [(ngModel)]="model.lastName" #lastName="ngModel" >
</div>
</div>
<div class="form-group">
    <label>Email</label>
    <input type="text" name="email" class="form-control"
        [(ngModel)]="model.email" #email="ngModel"
        >
</div>
<div class="form-row">
    <div class="form-group col">
        <label>Password</label>
        <input type="password" name="password" class="form-control"
            [(ngModel)]="model.password" #password="ngModel" >
        </div>
        <div class="form-group col">
            <label>Confirm Password</label>
            <input type="password" name="confirmPassword" class="form-control"
                [(ngModel)]="model.confirmPassword" #confirmPassword="ngModel"
                >
            </div>
        </div>
        <div class="form-group form-check">
            <input type="checkbox" name="acceptTerms"
                id="acceptTerms" class="form-check-input"
                [(ngModel)]="model.acceptTerms" #acceptTerms="ngModel"
                >
            <label for="acceptTerms" class="form-check-label"> Accept Terms &
Conditions </label>

        </div>
    <div class="text-center">

```

```

        <button class="btn btn-primary mr-1">Register</button>
        <button class="btn btn-secondary" type = "reset" >
Clear</button>
    </div>
</form>
</div>
</div>
</div>

```

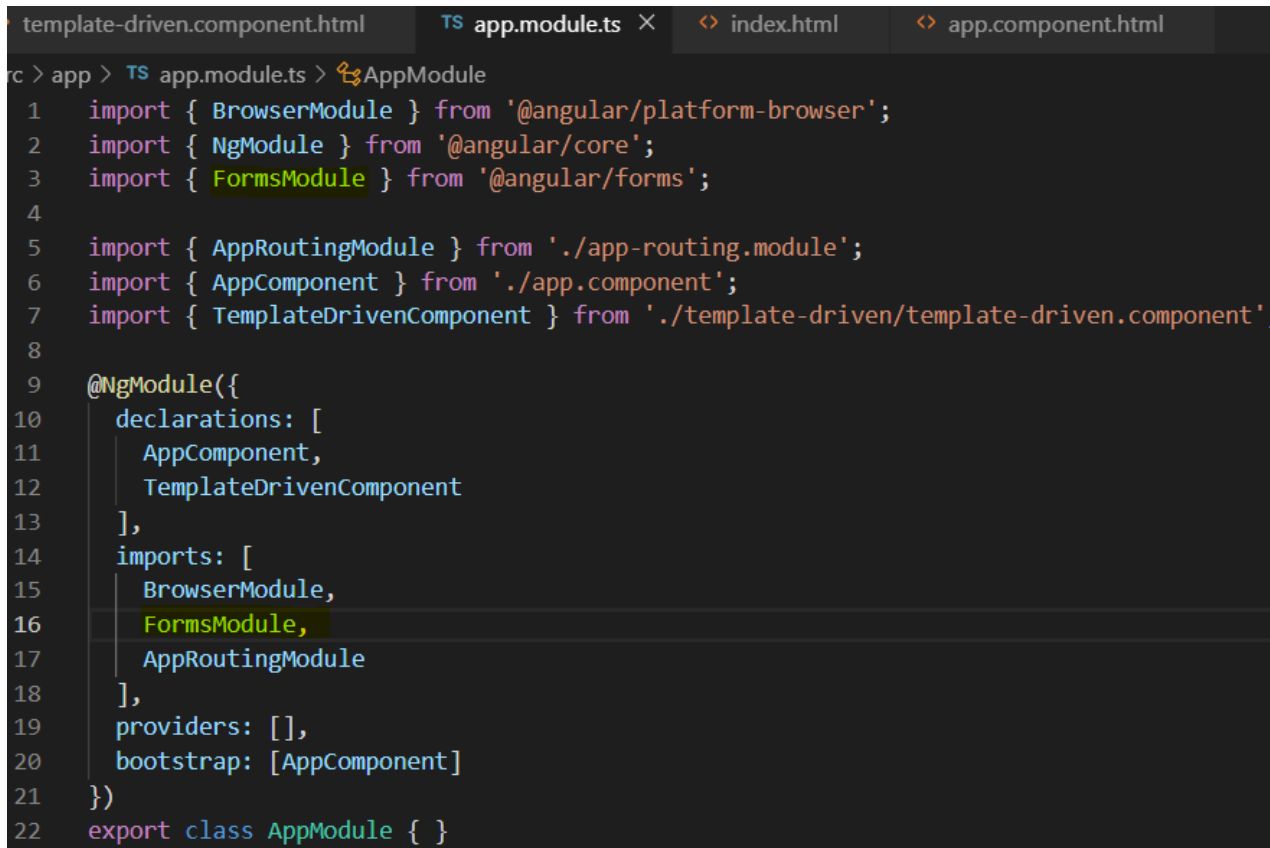
Step 4 – Open app.component.html and copy <app-template-driven> tag as below.

```

template-driven.component.html  app.component.html X
src > app > app.component.html > app-template-driven
1  <!--The content below is only a placeholder and can be replaced.-->
2  <div style="text-align:center">
3      <h1>
4      |   Welcome to {{ title }}!
5      </h1>
6
7  </div>
8  <app-template-driven></app-template-driven>
9
10 <router-outlet></router-outlet>
11

```

Step 5- Open app.module.ts and import FormsModule as below.



```

src > app > TS app.module.ts > AppModule
1  import { BrowserModule } from '@angular/platform-browser';
2  import { NgModule } from '@angular/core';
3  import { FormsModule } from '@angular/forms';
4
5  import { AppRoutingModule } from './app-routing.module';
6  import { AppComponent } from './app.component';
7  import { TemplateDrivenComponent } from './template-driven/template-driven.component';
8
9  @NgModule({
10   declarations: [
11     AppComponent,
12     TemplateDrivenComponent
13   ],
14   imports: [
15     BrowserModule,
16     FormsModule,
17     AppRoutingModule
18   ],
19   providers: [],
20   bootstrap: [AppComponent]
21 })
22 export class AppModule { }
  
```

Step 6- Open Index.html and add bootstrap and other references.



```

src > index.html > html > head
1  <!doctype html>
2  <html lang="en">
3  <head>
4    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
5
6    <!-- jQuery library -->
7    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
8
9    <!-- Popper JS -->
10   <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"></script>
11
12   <!-- Latest compiled JavaScript -->
13   <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>
14   <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.6.3/css/all.css" integrity="sha384-UHrtZLI+pbxtHCWp1t77Bi11
15
  
```

Step 7- Run application using command ‘ng serve –open’.

Welcome to Module6-Demo1!

Angular 8 Template-Driven Form

Title	First Name	Last Name
<input type="text" value="Mrs"/>	<input type="text"/>	<input type="text"/>

Email

Password	Confirm Password
<input type="text"/>	<input type="text"/>

☐ Accept Terms & Conditions

This will open simple template driven form without any validation.

In next module we will see how to add validation to Angular Forms