app.component.css

```css
h3 {
  color: darkblue;
}
```

app.component.html

```html
<div class="container">
  <div class="row">
    <div class="col-xs-12">
      <h3>I'm in the AppComponent!</h3>
      <hr>
      <app-servers></app-servers>
      <!--<div app-servers></div>-->
      <!--<div class="app-servers"></div>-->
    </div>
  </div>
</div>
```

app.component.ts

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

@Component({
  selector: 'app-root',
  templateUrl: './app.component.html',
  // styleUrls: ['./app.component.css']
  styles: [`
    h3 {
      color: dodgerblue;
    }
  `]
})
export class AppComponent {
```

```
}
```

app.module.ts

```typescript
import { BrowserModule } from '@angular/platform-browser';
import { NgModule } from '@angular/core';
import { FormsModule } from '@angular/forms';


import { AppComponent } from './app.component';
import { ServerComponent } from './server/server.component';
import { ServersComponent } from './servers/servers.component';

@NgModule({
  declarations: [
    AppComponent,
    ServerComponent,
    ServersComponent
  ],
  imports: [
    BrowserModule,
    FormsModule,
  ],
  providers: [],
  bootstrap: [AppComponent]
})
export class AppModule { }
```

server.component.html

```html
<p>{{ 'Server' }} with ID {{ serverId }} is {{ getServerStatus() }}</p>
```

server.component.ts

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

@Component({
  selector: 'app-server',
  templateUrl: './server.component.html'
})
export class ServerComponent {
  serverId: number = 10;
  serverStatus: string = 'offline';

  getServerStatus() {
    return this.serverStatus;
  }
}
```

servers.component.html

```html
<label>Server Name</label>
<!--<input-->
  <!--type="text"-->
  <!--class="form-control"-->
  <!--(input)="onUpdateServerName($event)">-->
<input
  type="text"
  class="form-control"
  [(ngModel)]="serverName">
<!--<p>{{ serverName }}</p>-->
<button
  class="btn btn-primary"
  [disabled]="!allowNewServer"
  (click)="onCreateServer()">Add Server</button>
```

```html
<!--<p [innerText]="allowNewServer"></p>-->
<p>{{ serverCreationStatus }}</p>
<app-server></app-server>
<app-server></app-server>
```

servers.component.ts

```typescript
import { Component, OnInit } from '@angular/core';

@Component({
  // selector: '[app-servers]',
  // selector: '.app-servers',
  selector: 'app-servers',
  // template: `
  //   <app-server></app-server>
  //   <app-server></app-server>`,
  templateUrl: './servers.component.html',
  styleUrls: ['./servers.component.css']
})
export class ServersComponent implements OnInit {
  allowNewServer = false;
  serverCreationStatus = 'No server was created!';
  serverName = 'Testserver';

  constructor() {
    setTimeout(() => {
      this.allowNewServer = true;
    }, 2000);
  }

  ngOnInit() {
  }

  onCreateServer() {
    this.serverCreationStatus = 'Server was created! Name is ' + this.serverName;
  }
```

```
  onUpdateServerName(event: Event) {
    this.serverName = (<HTMLInputElement>event.target).value;
  }
}
```

index.html

```html
<!doctype html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <title>MyFirstApp</title>
  <base href="/">

  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="icon" type="image/x-icon" href="favicon.ico">
</head>
<body>
  <app-root></app-root>
</body>
</html>
```