

Angular CLI	
Generating classes	ng g cl [class's name]
Serving commands	ng serve
	ng serve -o

```
my-app/src/app/app.component.css
table{
  margin-left: auto;
  margin-right: auto;
}
.tabel2 {
  border-collapse: collapse;
}
.tabel2, tr, th, td {
  border: 1px solid black;
}
```

```
Button / Tombol
<button type="submit"
class="btn btn-primary"
(click)="onNew()">New</button>
```

Metode 1	
Tampilkan Data	{{ title }}
Tombol untuk Buka Form Baru	<button type="submit" class="btn btn-primary" (click)="onNew()">New</button>
If	<div *ngIf="showNew"></div>
Form Submit	<form (ngSubmit)="onSave()"></form>
Binding	<td><input type="text" class="form-control" [(ngModel)]="stockReg.SKU" name="SKU"></td>

Tombol Submit	<button type="submit">{{submitType}}</button>
Retrieve Data	<td>{{ stc.kuantitas }}</td>

```
my-app/src/app/app.component.html
<!--The content below is only a placeholder and can be replaced.-->
<div style="text-align:center">
  <h1>
    CRUD {{ title }}
  </h1>
  <h2>Insert Data</h2>
  <button type="submit"
class="btn btn-primary"
(click)="onNew()">New</button>
```

```
my-app/src/app/app.component.html (cont)
<div *ngIf="showNew">
  <form (ngSubmit)="onSave()">
    <table style="border: 1px solid white">
      <tr>
        <td>SKU</td>
        <td><input type="text" class="form-control" [(ngModel)]="stockReg.SKU" name="SKU"></td>
      <tr>
        <td>Nama</td>
        <td><input type="text" class="form-control" [(ngModel)]="stockReg.nama" name="nama"></td>
      <tr>
        <td>Kuantitas</td>
```

```
my-app/src/app/app.component.html (cont)
      <td><input type="number" class="form-control" [(ngModel)]="stockReg.kuantitas" name="kuantitas"></td>
    </tr>
  </tr>
  <td>hargaBeli</td>
  <td><input type="number" class="form-control" [(ngModel)]="stockReg.hargaBeli" name="hargaBeli"></td>
</tr>
  <td>hargaJual</td>
  <td><input type="number" class="form-control" [(ngModel)]="stockReg.hargaJual" name="hargaJual"></td>
</tr>
</table>
```



my-app/src/app/app.component.html (cont)

```

<button
type="submit">
{{submitType}}</button>
<button type="submit" (click)="onCancel()">Cancel</button>
</form>
</div>

<h2>Result</h2>
<table class='tabel2'>
<thead>
<tr>
<th>No.</th>
<th>SKU</th>
<th>Nama</th>
<th>Kuantitas</th>
<th>Harga
beli</th>
<th>Harga
jual</th>
<th>Profit per
item</th>
<th colspan="2">Action</th>
</tr>
</thead>
<tbody>

```

my-app/src/app/app.component.html (cont)

```

<tr *ngFor="let
stc of listStock; let i
= index">
<th scope="row">
{{ i+1 }}</th>
<td scope="row">
{{ stc.SKU }}</td>
<td>{{ stc.nama
}}</td>
<td>{{ stc.kuantitas
}}</td>
<td>{{ stc.hargaBeli
}}</td>
<td>{{ stc.hargaJual
}}</td>
<td>{{ stc.getProfit()
}}</td>
<td><button
type="button"
(click)="onEdit(i)">Edit</button></td>
<td><button
type="button"
(click)="onDelete(i)">Delete</button></td>
</tr>
</tbody>
</table>

```

Kelas

```

class StockBarang{
  constructor(
    public SKU: string =
'',
    public kuantitas:
number = null,
  ){}
  getProfit(){
    this.profit =
this.hargaJual-this.hargaBeli;
    return this.profit;
  }
}

```

Inisiasi

```

export class
AppComponent implements
OnInit{
  listStock: StockBarang[] = [];
  stockReg: StockBarang;
  showNew: Boolean =
false;
  selectedRow: number;
  submitType: string =
'Save';
  constructor(){

```

Inisiasi (cont)

```

this.listStock.push(
new StockBarang('AIR001', 'Aqua', 10, 3000, 6000, null));
ngOnInit(){}
}

```

create

```

onNew(){
  this.stockReg = new
StockBarang();
  this.submitType =
'Save';
  this.showNew = true;
}

```

save

```

onSave(){
  if(this.submitType ===
'Save'){
    this.listStock.push(
this.stockReg);
  }
  else{
    //Update

```



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save (cont)

```

    this.listStock[-
this.selectedRow].SKU =
this.stockReg.SKU;
    }
    //Hide
    this.showNew =
false;
    }

```

edit

```

onEdit(index: number){
    this.submitType =
'Update';
    this.selectedRow =
index;
    this.stockReg =
new StockBarang();
    this.stockReg =
Object.assign({},
    this.listSto-
ck[this.selectedRow]);
    this.showNew =
true;
    }

```

delete

```

onDelete(index: number){
    this.listStock.spl-
ice(index, 1);
    }

```

Cancel

```

onCancel(){
    this.showNew =
false;
    }

```

my-app/src/app/app.compo- nent.ts

```

import { Component,
OnInit } from
'@angular/core';
class StockBarang{
    constructor(
        public SKU: string =
'',
        public nama: string
= '',
        public kuantitas:
number = null,
        public hargaBeli:
number = null,
        public hargaJual:
number = null,

```

my-app/src/app/app.compo- nent.ts (cont)

```

    public profit:
number = null,
    ){}
    getProfit(){
        this.profit =
this.hargaJual-this.h-
argaBeli;
        return this.profit;
    }
}
@Component({
    selector: 'app-root',
    templateUrl:
'./app.component.html',
    styleUrls: ['./app.c-
omponent.css']
})
export class AppCom-
ponent implements
OnInit{
    listStock: StockB-
arang[] = [];
    stockReg: StockBarang;
    showNew: Boolean =
false;
    selectedRow: number;

```

my-app/src/app/app.compo- nent.ts (cont)

```

    submitType: string =
'Save';
    constructor(){
        this.listStock.pus-
h(new StockBarang('AI-
R001', 'Aqua', 10, 3000,
6000, null));
        this.listStock.pus-
h(new StockBarang('SO-
F001', 'Coca Cola', 20,
5000, 4500, null));
        this.listStock.pus-
h(new StockBarang('SN-
K001', 'Chitato', 15,
4000, 5000, null));
    }
    ngOnInit(){
    }
    onNew(){
        this.stockReg = new
StockBarang();
        this.submitType =
'Save';
        this.showNew = true;
    }
}

```



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my-app/src/app/app.component.ts (cont)

```
onSave() {
  if(this.submitType
=== 'Save'){
    this.listStock.p-
ush(this.stockReg);
  }
  else{
    //Update
    this.listStock[-
this.selectedRow].SKU =
this.stockReg.SKU;
    this.listStock[-
this.selectedRow].nama =
this.stockReg.nama;
    this.listStock[-
this.selectedRow].kua-
ntitas = this.stockRe-
g.kuantitas;
    this.listStock[-
this.selectedRow].har-
gaBeli = this.stockRe-
g.hargaBeli;
    this.listStock[-
this.selectedRow].har-
gaJual = this.stockRe-
g.hargaJual;
```

my-app/src/app/app.component.ts (cont)

```
    this.listStock[-
this.selectedRow].profit
= this.stockReg.profit;
  }
  //Hide
  this.showNew =
false;
}
onEdit(index: number) {
  this.submitType =
'Update';
  this.selectedRow =
index;
  this.stockReg =
new StockBarang();
  this.stockReg =
Object.assign({},
    this.listSto-
ck[this.selectedRow]);
  this.showNew =
true;
}
onDelete(index:
number) {
  this.listStock.spl-
ice(index, 1);
}
```

my-app/src/app/app.component.ts (cont)

```
onCancel() {
  this.showNew =
false;
}
}
```

my-app/src/app/app.module.ts (cont)

```
bootstrap: [AppCompo-
nent]
})
export class AppModule {
}
```

my-app/src/app/app.module.ts

```
import { BrowserModule }
from '@angular/platform-
browser';
import { NgModule } from
'@angular/core';
import { FormsModule }
from '@angular/forms';
import { AppComponent }
from './app.component';
@NgModule({
  declarations: [
    AppComponent
  ],
  imports: [
    BrowserModule,
    FormsModule
  ],
  providers: [],
```



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