

Angular CLI	Metode 1	my-app/src/app/app.component.html (cont)	my-app/src/app/app.component.html (cont)
Generating classes <code>ng g cl [class's name]</code>	Tampilkan Data <code>{{ title }}</code>	<pre><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> <td><input type="text" class="form-control" [(ngModel)]="stockReg.kuantitas" name="kuantitas"></td> <tr> <td><input type="number" class="form-control" [(ngModel)]="stockReg.hargaBeli" name="hargaBeli"></td> <td><input type="number" class="form-control" [(ngModel)]="stockReg.hargaJual" name="hargaJual"></td> <tr> <td colspan="2"></td> </tr> </table> </div></pre>	<pre><td><input type="number" class="form-control" [(ngModel)]="stockReg.kuantitas" name="kuantitas"></td> <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> <td><input type="text" class="form-control" [(ngModel)]="stockReg.kuantitas" name="kuantitas"></td> <tr> <td><input type="number" class="form-control" [(ngModel)]="stockReg.hargaBeli" name="hargaBeli"></td> <td><input type="number" class="form-control" [(ngModel)]="stockReg.hargaJual" name="hargaJual"></td> <tr> <td colspan="2"></td> </tr> </table></pre>
Serving commands <code>ng serve</code> <code>ng serve -o</code>	Tombol untuk Buka Form Baru <code><button type="submit" class="btn btn-primary" (click)="onNew()">New</button></code>	<pre><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> <td><input type="text" class="form-control" [(ngModel)]="stockReg.kuantitas" name="kuantitas"></td> <tr> <td><input type="number" class="form-control" [(ngModel)]="stockReg.hargaBeli" name="hargaBeli"></td> <td><input type="number" class="form-control" [(ngModel)]="stockReg.hargaJual" name="hargaJual"></td> <tr> <td colspan="2"></td> </tr> </table></pre>	<pre><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> <td><input type="text" class="form-control" [(ngModel)]="stockReg.kuantitas" name="kuantitas"></td> <tr> <td><input type="number" class="form-control" [(ngModel)]="stockReg.hargaBeli" name="hargaBeli"></td> <td><input type="number" class="form-control" [(ngModel)]="stockReg.hargaJual" name="hargaJual"></td> <tr> <td colspan="2"></td> </tr> </table></pre>
my-app/src/app/app.component.css <pre>table{ margin-left: auto; margin-right: auto; } .tabel2 { border-collapse: collapse; } .tabel2, tr, th, td { border: 1px solid black; }</pre>	Binding <pre><td><input type="text" class="form-control" [(ngModel)]="stockReg.SKU" name="SKU"></td></pre>	<pre><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> <td><input type="text" class="form-control" [(ngModel)]="stockReg.kuantitas" name="kuantitas"></td> <tr> <td><input type="number" class="form-control" [(ngModel)]="stockReg.hargaBeli" name="hargaBeli"></td> <td><input type="number" class="form-control" [(ngModel)]="stockReg.hargaJual" name="hargaJual"></td> <tr> <td colspan="2"></td> </tr> </table></pre>	<pre><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> <td><input type="text" class="form-control" [(ngModel)]="stockReg.kuantitas" name="kuantitas"></td> <tr> <td><input type="number" class="form-control" [(ngModel)]="stockReg.hargaBeli" name="hargaBeli"></td> <td><input type="number" class="form-control" [(ngModel)]="stockReg.hargaJual" name="hargaJual"></td> <tr> <td colspan="2"></td> </tr> </table></pre>
Button / Tombol <pre><button type="submit" class="btn btn-primary" (click)="onNew()">New</button></pre>	Tombol Submit <pre><button type="submit" {{submitType}}></button></pre>	<pre><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> <td><input type="text" class="form-control" [(ngModel)]="stockReg.kuantitas" name="kuantitas"></td> <tr> <td><input type="number" class="form-control" [(ngModel)]="stockReg.hargaBeli" name="hargaBeli"></td> <td><input type="number" class="form-control" [(ngModel)]="stockReg.hargaJual" name="hargaJual"></td> <tr> <td colspan="2"></td> </tr> </table></pre>	<pre><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> <td><input type="text" class="form-control" [(ngModel)]="stockReg.kuantitas" name="kuantitas"></td> <tr> <td><input type="number" class="form-control" [(ngModel)]="stockReg.hargaBeli" name="hargaBeli"></td> <td><input type="number" class="form-control" [(ngModel)]="stockReg.hargaJual" name="hargaJual"></td> <tr> <td colspan="2"></td> </tr> </table></pre>
	my-app/src/app/app.component.html <pre><!--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></pre>		



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.ku-
antitas }}</td>
<td>{{ stc.ha-
rgaBeli }}</td>
<td>{{ stc.ha-
rgaJual }}</td>
<td>{{ stc.ge-
tProfit() }}</td>
<td><button
type="button"
(click)="onEdit(i)">Edi-
t</button></td>
<td><button
type="button"
(click)="onDelete(i)">D-
elete</button></td>
</tr>
</tbody>
</table>
```

Kelas

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

Inisiasi

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

Inisiasi (cont)

```
this.listStock.pus-
h(new StockBarang('AI-
R001', '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.p-
ush(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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