

Two way Binding

App.component.html:

```
<h2>Parent Component</h2>
This is Parent Component<br>
Enter Text:
<input type="text" #ptext (keyup)="0"/><br>
The value of Child component is: {{cdata}}
<app-child (cevent)="cdata=$event" [pdata]="ptext.value"></app-child>
```

App.component.ts:

```
import { Component } from '@angular/core';
@Component({
  selector: 'app-root',
  templateUrl: './app.component.html',
  styleUrls: ['./app.component.css']
})
export class AppComponent {
  title = 'two-way-binding';
  public cdata: string | undefined;
}
```

App.module.ts:

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

import { AppRoutingModule } from './app-routing.module';
import { AppComponent } from './app.component';
import { ChildComponent } from './child/child.component';

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

child.component.html:

```
<h2>Child Component</h2>
This is Child Component<br>
Enter Text:
<input type="text" #cdata (keyup)="onChange(cdata.value)"/><br>
The value of Parent component is: {{pdata}}
```

Child.component.ts:

```
import { Component, OnInit, Input, EventEmitter } from '@angular/core';
@Component({
  selector: 'app-child',
  templateUrl: './child.component.html',
  styleUrls: ['./child.component.css'],
  inputs: ['pdata'],
  outputs: ['cevent']
})
export class ChildComponent implements OnInit {
  constructor() { }
  ngOnInit() {
  }
  public pdata: string | undefined;
  cevent= new EventEmitter<string>();
  onChange(value:string){
    this.cevent.emit(value);
  }
}
```

Output:

