Two-way Binding.

• **Code**

Creating a new angular project

\# ng new angCare

Create new child component

\# ng g c child

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 { }
```

app.component.ts

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

@Component({   selector: 'app-root',
templateUrl: './app.component.html',
styleUrls: ['./app.component.css']
}) export class AppComponent {
public cdata: string | undefined;
}
```

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}}
```

```html
<app-child (cevent)="cdata=$event" [pdata]="ptext.value"></app-child>
```

child.component.html

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

child.component.ts

```typescript
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);
   }
}
```