SOURCE CODE

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="pdata";
  cevent= new EventEmitter<string>();

  onChange(value:string){
    this.cevent.emit(value);
  }
}
```

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>
```

app.component.ts

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

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

app.module.ts

```typescript
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 { }
```