Prepare a new app with name parent

ng new parent

generate new component called child inside it

open new cmd from terminal and write below code

ng g c child

now copy the selector name from child.component.ts

and add tag inside app.component.html

<app-child></app-child>

If app not works restart again using

Ng serve in previous cmd

Go to **app.component.html**

<h1>Parent Component</h1>

<input type="text" (keyup)="0" #ptext/>

<app-child [pdata]="ptext.value"></app-child>

**Child.component.ts**

import { Component, OnInit } from '@angular/core';

@Component({

  selector: 'app-child',

  templateUrl: './child.component.html',

  styleUrls: ['./child.component.css'],

  inputs:['pdata'],

})

export class ChildComponent implements OnInit {

  pdata:string="";

  constructor() { }

  ngOnInit(): void {

  }

}

Chil.component.html

<h1>child component</h1>

<br>

<p> Value coming from parent component : <b> {{pdata}} </b></p>

Check the communication from parent to the child

Let’s make communication from child to parent

Child.component.html

<h2>Msg sendig to parent component</h2>

<input type="text" #ctext

(keyup)="onchange(ctext.value)">

Child.component.ts

import { Component, EventEmitter, OnInit } from '@angular/core';

@Component({

  selector: 'app-child',

  templateUrl: './child.component.html',

  styleUrls: ['./child.component.css'],

  inputs:['pdata'],

  outputs:['cevent'],

})

export class ChildComponent implements OnInit {

  pdata:string="";

  constructor() { }

  ngOnInit(): void {

  }

  cevent=new EventEmitter<string>();

  onchange(value:string){

    this.cevent.emit(value);

  }

}

Go to app.component.html

<h1>Parent Component</h1>

<input type="text" (keyup)="0" #ptext/>

<h3>Value coming from child component is : <b>{{cdata}}</b></h3>

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

Declare cdata in app.component.ts

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

@Component({

  selector: 'app-root',

  templateUrl: './app.component.html',

  styleUrls: ['./app.component.css']

})

export class AppComponent {

  title = 'parent';

  cdata:string="";

}

Save and check the out put and we are ready to go for two way communication

