Prepare new app in angular with name parent

Prepare component named as child in angular

communicate from parent to child (input)

**First include <app-child></app-child> in parent.component.html**

**parent.component.html**

<h1>Component Interaction</h1>

<h2>Parent Component</h2>

<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 {

  }

}

**To display the value in child component**

<h2>This is chil component</h2>

<br>

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

Communication from child to parent

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);

  }

}

Access emitted value in parent component

<h1>Component Interaction</h1>

<h2>Parent Component</h2>

<p>value coming from child is {{cdata}}</p>

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

<!--child componet-->

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

Declare variable 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=""

}