We are creating search value child component and send this data on parent component

Search child component

Step1: Create an input in html with ngModel to perform binding from both the side.

<input type="text" [(ngModel)]="searchValue" /> <br />

Step2: In Class create a variable

 searchValue: string = '';

Step3:Create a custom event of Type eventemitter anc create object of that

@Output()

searchTextChange: EventEmitter<string> = new EventEmitter<string>();

1.Cteare a variable searchTextChange of type EventEmitter of type string.

2.Create object.

3.Use @Output() decotor

Step4: Now we will create a method to hold the event.

 textChange() {

    return this.serchTextChange.emit(this.enterSearchValue);

  }

So onSearchTextChange will be bind to (input) event and the value will be assign to searchTextChange.

<input type="text" [(ngModel)]="enterSearchValue" (input)="textChange()" />

Step 4: Create a parent Component with a variable searchText;

 searchText: string = '';

Step 5:We will create a method to hold the changes

onSearchTextEntered(data: string) {

    this.searchText = data;

  }

Step 6: Now we have to bind both the methods in parent component.

<app-search> is child component we had created a searchTextChange method and bind it to onSearchTextChange of parent.

<app-child (serchTextChange)="onSearchTextEntered($event)"></app-child>

<span>You searched for {{ searchText }}</span>