Practice for Property Binding in Angular

1..apicard.component.html

```html
<!-- <p>apicard works!</p> -->
<div class="row row-cols-1 row-cols-md-5 g-4">
    <div class="col-md-3" *ngFor="let dt of data | paginate: { itemsPerPage: 12,
currentPage: page } ">
        <div class="card mt-1" style="height: auto;">
            <img [src]="dt.url" height="100px" width="100px" class="card-img-top" alt="...">
            <div class="card-body">
                <p class="card-text"><span>ID:-</span>{{dt.id}}</p>
                <hr>
                <h5 class="card-title">{{dt.title}}</h5>
            </div>
        </div>
        <br>
    </div>
</div>
<div class="text-center">
    <pagination-controls (pageChange)="page = $event " class="text-
center"></pagination-controls>
</div>
```

2..apicard.component.ts

```typescript
import { Component, OnInit } from '@angular/core';
import { PostService } from '../Service/post.service';


@Component({
  selector: 'app-apicard',
  templateUrl: './apicard.component.html',
  styleUrls: ['./apicard.component.css']
})
export class APICardComponent implements OnInit {
```

```
  page:number =1;

  constructor(private _postService:PostService) { }

  data:any;

  ngOnInit(): void {
    this._postService.getData().subscribe(d_data=>{
      this.data=d_data;
    })
  }

}
```

3..nav-bar.component.html

```html
<nav class="navbar navbar-expand-lg navbar-light bg-primary">
    <a class="navbar-brand" href="#">21SOECA21032</a>
    <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarNavAltMarkup" aria-controls="navbarNavAltMarkup" aria-expanded="false" aria-
label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarNavAltMarkup">
      <div class="navbar-nav">
        <a class="nav-link active" routerLink="apicard" href="#">Home <span class="sr-
only">(current)</span></a>
        <a class="nav-link" routerLink="apicard" href="#">Student</a>
        <a class="nav-link" routerLink="apicard" href="#">Sign Up</a>
      </div>
    </div>
  </nav>
```

4..nav-bar.component.ts

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

@Component({
  selector: 'app-nav-bar',
  templateUrl: './nav-bar.component.html',
```

```
  styleUrls: ['./nav-bar.component.css']
})
export class NavBarComponent implements OnInit {

  constructor() { }

  ngOnInit(): void {
  }

}
```

5..Service/Post

Post.service.ts

```
import { Injectable } from '@angular/core';
import { HttpClient } from '@angular/common/http';

@Injectable({
  providedIn: 'root'
})
export class PostService {

  url = "https://jsonplaceholder.typicode.com/photos"

  constructor(private _http:HttpClient) { }
  getData(){
    return this._http.get(this.url);
    }

}
```

6..app-routing.module.ts

```
import { NgModule } from '@angular/core';
import { RouterModule, Routes } from '@angular/router';
import { APICardComponent } from './apicard/apicard.component';
import { FormComponent } from './form/form.component';
import { NotFoundComponent } from './not-found/not-found.component';


const routes: Routes = [
  {path:"apicard",component:APICardComponent},
  {path:'form',component:FormComponent},
```

```
{path:'',redirectTo:'apicard',pathMatch:'full'},
{path:'**',component:NotFoundComponent},

];

@NgModule({
  imports: [RouterModule.forRoot(routes)],
  exports: [RouterModule]
})
export class AppRoutingModule { }
```

7..app.component.html

```
<app-nav-bar></app-nav-bar>
<!-- <app-apicard></app-apicard> -->
<router-outlet></router-outlet>
```

8..app.module.ts

```
import { NgModule } from '@angular/core';
import { BrowserModule } from '@angular/platform-browser';

import { AppRoutingModule } from './app-routing.module';
import { AppComponent } from './app.component';
import { NavBarComponent } from './nav-bar/nav-bar.component';
import { APICardComponent } from './apicard/apicard.component';
import { NotFoundComponent } from './not-found/not-found.component';
import { HttpClientModule } from '@angular/common/http';
import {NgxPaginationModule} from 'ngx-pagination';
import { FormComponent } from './form/form.component';
import { FormsModule } from '@angular/forms'



@NgModule({
  declarations: [
    AppComponent,
    NavBarComponent,
    APICardComponent,
    NotFoundComponent,
```

```
    FormComponent
  ],
  imports: [
    BrowserModule,
    AppRoutingModule,
    HttpClientModule,
    NgxPaginationModule,
    FormsModule,



  ],
  providers: [],
  bootstrap: [AppComponent]
})
export class AppModule { }
```

9..index.html

```
<!doctype html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <title>Placeholder1</title>
  <base href="/">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="icon" type="image/x-icon" href="favicon.ico">
  <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/css/bootstrap.min.css"
integrity="sha384-
zCbKRCUGaJDkqS1kPbPd7TveP5iyJE0EjAuZQTgFLD2ylzuqKfdKlfG/eSrtxUkn"
crossorigin="anonymous">
  <script src="https://cdn.jsdelivr.net/npm/jquery@3.5.1/dist/jquery.slim.min.js"
integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
crossorigin="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/js/bootstrap.bundle.min.js"
integrity="sha384-
fQybjgWLrvvRgtW6bFlB7jaZrFsaBXjsOMm/tB9LTS58ONXgqbR9W8oWht/amnpF"
crossorigin="anonymous"></script>
</head>
<body>
```

```
  <app-root></app-root>
</body>
</html>
```

Output: