Angular in Hindi

Npm install

Install node

1. npm install -g @angular/cli
2. ng new my-first-project
3. cd my-first-project
4. ng serve

Install bootstrap Add on point for who using boot strap

npm install -g @angular/cli@latest

Npm install botstrap

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File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help

Search

AngularProjectTesting2

Sign in

Debug Any CPU localhost (Edge)

No ESLint module was found while trying to lint app.component.ts. Install the npm package or disable linting entirely. Learn more.

Server Explorer

npm install eslint

Solution Explorer

Search Solution Explorer (Ctrl+;)

Data Connection

Servers

- .vscode
  - launch.json
- src
  - app
    - app.component.css
    - app.component.html
    - TS app.component.spec.ts
    - TS app.component.ts
    - TS app.module.ts
    - TS app-routing.module.ts
  - assets
    - .gitkeep
  - favicon.ico
  - index.html
  - TS main.ts
  - styles.css

app.component.ts app.component.css app.component.html index.html app.module.ts

Solution Explorer Git Changes

Properties

SQL Server Object E... Server Explorer Developer PowerShell Error List ... Command Window Package Manager Console Output

Ready

Add to Source Control Select Repository

Type here to search

29°C Mostly cloudy

6:52 PM
5/11/2024

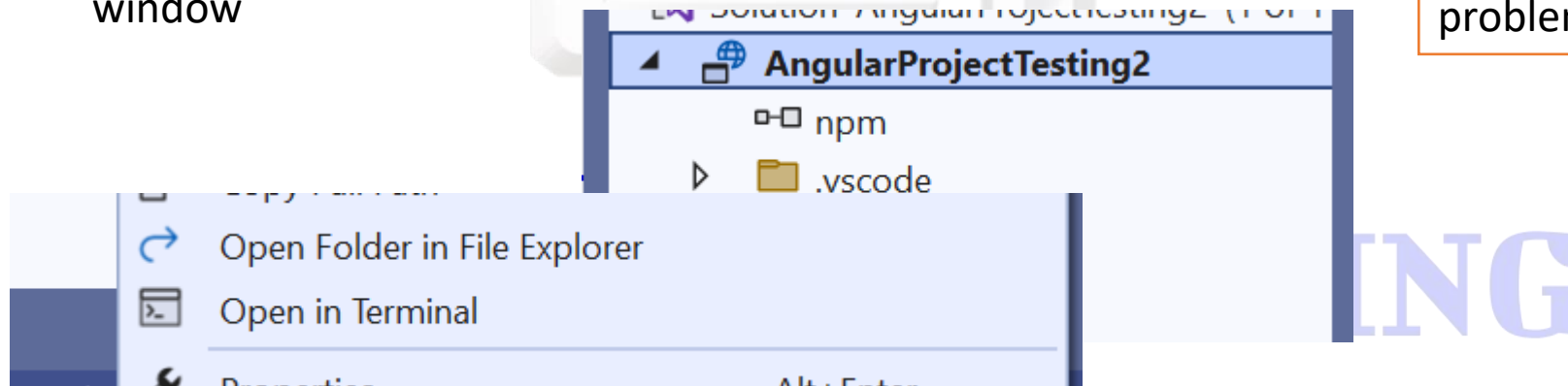**Only refer if using Visual Studio**

Npm Install jquery

ng generate component mycomponent/newcomponents

ng generate component mycomponent/webcomponents >> Error: This command is not available when running the Angular CLI outside a workspace.
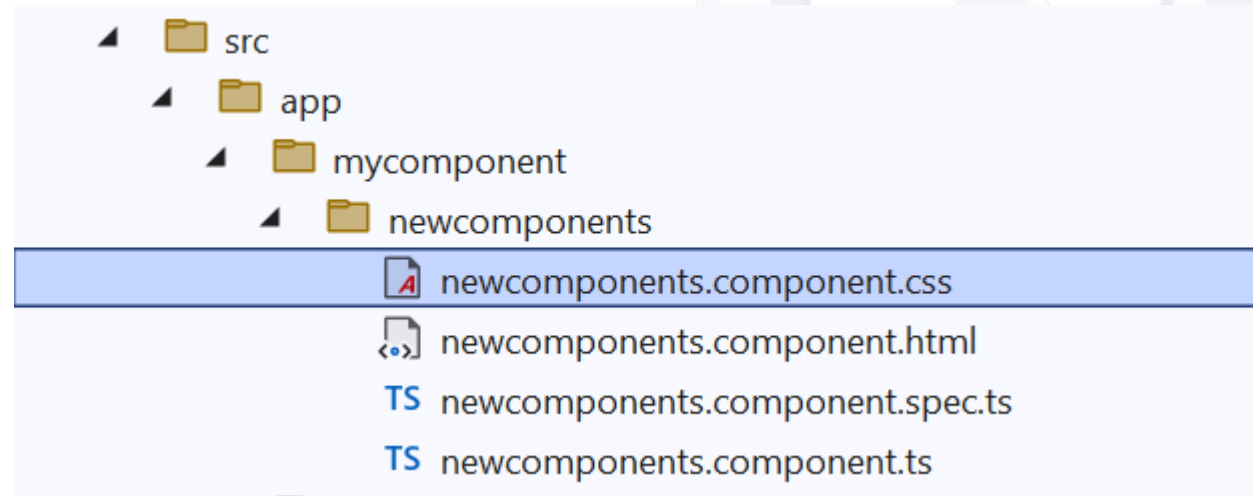
Open terminal by right cliking project in solution window

By doing this run command again and your problem resolve

⊿ 🌐 **AngularProjectTesting2**

▫▫ npm

▷ 📁 .vscode

Open Folder in File Explorer

Open in Terminal

New components are generated

ng generate component mycomponent/newcomponents

We have created one different component and we want to access in our root component

Import in to
app.components

```
t.html    TS app.component.ts ✕    # userlist.component.css    # new-component.component.css    ‹›

src > app > TS app.component.ts > ...
   4      import { NewComponentComponent } from './new-component/new-component.component';
   5
   6      @Component({
   7          selector: 'app-root',
   8          standalone: true,
   9          templateUrl: './app.component.html',
  10          styleUrl: './app.component.css',
  11          imports: [RouterOutlet, UserlistComponent,NewComponentComponent]
  12      })
  13      export class AppComponent {
  14        title = 'AngularProject2';
  15      }
```

Add component in html

```
‹› app.component.html ✕    TS app.component.ts    # userl

src > app > ‹› app.component.html > ⬡ div
           Go to component
   1      <h1>Hello</h1>
   2      <div>
   3        <app-userlist></app-userlist>
   4        <app-new-component></app-new-component>
   5      </div>
   6
```

Tailwind - css

https://tailwindcss.com/docs/installation

Rout

www.page.com/something

```ts
import { UpdateComponent } from './CRUD/Pages/update/update.component';

export const routes: Routes = [
    {
        path:"",
        component:AllUsersComponent
    },
    {
        path:"add",
        component:CreateUserComponent
    },
    {
        path:"update",
        component:UpdateComponent
    }
];
```

Something is rout

```html
<main class="mt-16 ml-80">
    <router-outlet></router-outlet>
</main>
```

Access routs

```html
<aside class="  bg-slate-200 w-80 h-screen">
    <ul>
        <li routerLink="/" routerLinkActive="bg-blue-400 border-blue-500 border-l-4" [routerLinkActive(
        <li routerLink="/add" routerLinkActive="bg-blue-400 border-blue-500 border-l-4" class="h-10 p-(
        <li routerLink="/update" routerLinkActive="bg-blue-400 border-blue-500 border-l-4" class="h-10
    </ul>

</aside>
```

Navigates to routs

Router link not working

Router outlet
not working

Import :
`RouterOutlet,RouterLink,RouterLinkActive,RouterModule`

```
import { RouterLink, RouterLinkActive, RouterModule, RouterOutlet } from '
@Component({
  selector: 'app-cred',
  standalone: true,
  imports: [RouterOutlet,RouterLink,RouterLinkActive,RouterModule],
  templateUrl: './cred.component.html',
  styleUrl: './cred.component.css'
})
export class CREDComponent {

}
```

If we need to rename folder you have
to change name here

```
rc > app > TS app.component.ts > ...
1   import { Component } from '@angular/core';
2   import { RouterOutlet } from '@angular/router';
3   import { AllUsersComponent } from './CRUD/Pages/all-users/all-users.component';
4   import { CreateUserComponent } from './CRUD/Pages/create-user/create-user.component';
5   import { AllUsersComponent_1 as AllUsersComponent } from "./CRUD/Pages/all-users/all-users.component";
6
7   @Component({
8       selector: 'app-root',
9       standalone: true,
10      templateUrl: './app.component.html',
11      styleUrl: './app.component.css',
12      imports: [RouterOutlet, AllUsersComponent, CreateUserComponent]
13  })
14  export class AppComponent {
15    title = 'CourseAngular';
16  }
17
```

Page Design

1. Top bar – Main page
2. Side Nav Common for both pages
3. All user list - List with edit and delete function
4. Add user

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All

Add

Update

Pls enter details

Enter user name

Enter user age

Add User

Dummy Database

https://www.npmjs.com/package/json-server ⟶ For the dummy server

npm install json-server

npx json-server db.json

```json
{
    "userList": [
        {
            "userName": "Sam",
            "userAge": "26",
            "id": "b26f"
        },
        {
            "userName": "Ganesh V Kadam",
            "userAge": "28",
            "id": "jdhdj"
        }
    ]
}
```
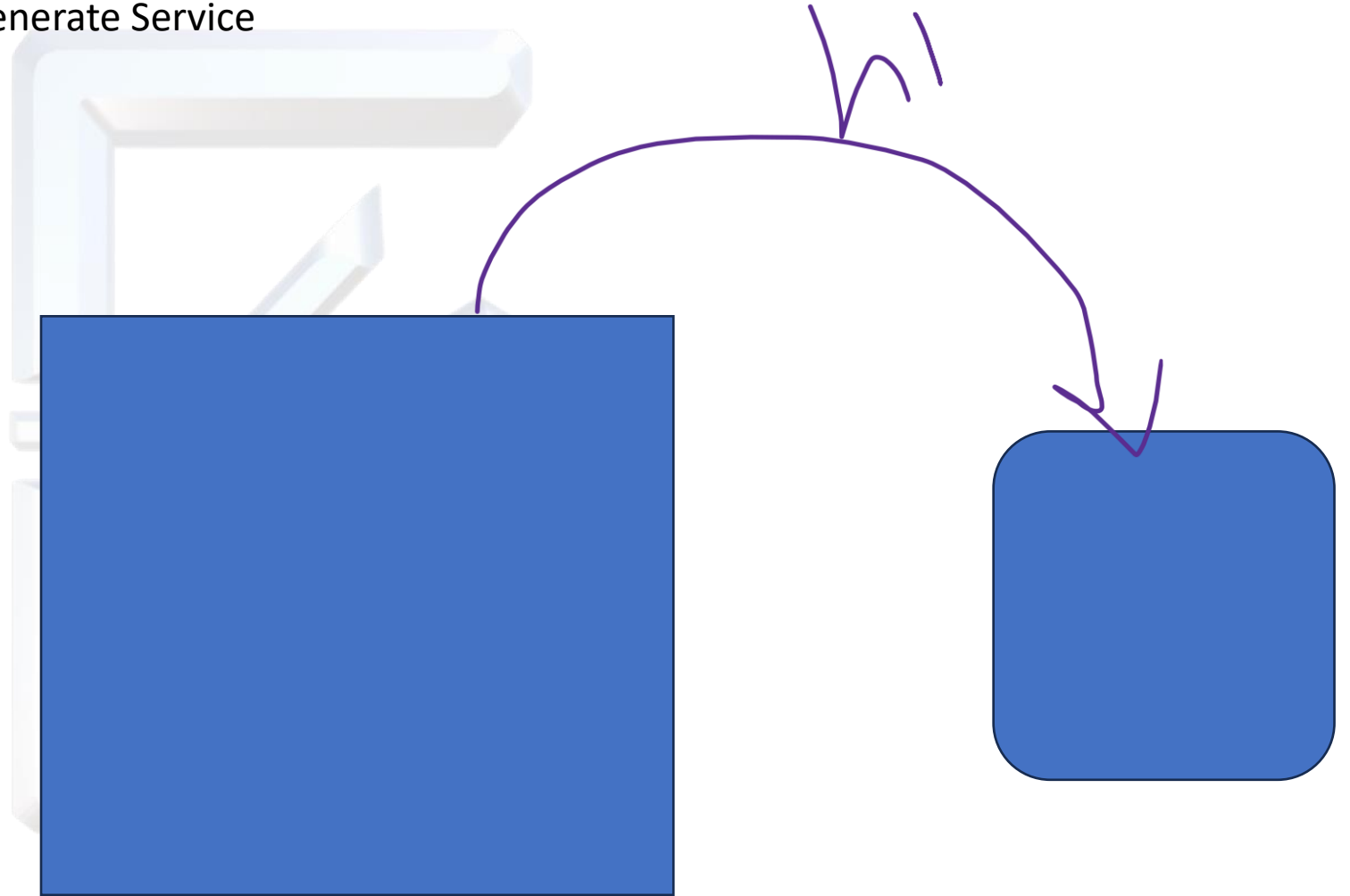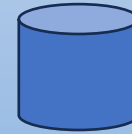
Generate Service

ng generate service serviceName

```
@for (item of userList; track item) {
    <div class=" bg-pink-400 rounded-2xl mt-8 p-2 h-20 flex flex-col items-center
justify-center">
        <p class=" bg-slate-400 mr-16" style="width: 800px;"> {{item.userName}}</p>
    </div>
}
```

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All

Add

Update

1swwd

v

v

fcfc

Header Design

```html
<header>
    <div class="items-center h-16 w-screen bg-slate-400 flex justify-center">
        <h4 class="items-center flex justify-center  text-xl font-bold">Kings Engineering</h4>
    </div>
</header>
```

Add-on to understand basics working

App.html

---

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App.componets.ts

```
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    ţḥîş ţîţľê    Ņêx Ţîţľê îş ắşşîĝŋêđ
```

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Additional Information

The `*ngFor` directive was used in the template, but neither the `NgFor` directive nor the `CommonModule` was imported. Use Angular's built-in control flow @for or make sure that either the `NgFor` directive or the `CommonModule` is included in the `@Component.imports` array of this component.

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   ŅĝGộs
   ŅĝGộsÔğ

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```
@switch(name){
  @case('Mohan'){
    <div>Hello Mohan</div>
  }
  @case('Ram'){
    <div>Hello Ram</div>
  }
  @case('Sohan'){
    <div>Hello Sohan</div>
  }                        abc Soha
}
```

Update user -popup

```html
<div class="flex items-center flex-col  w-full h-full bg-white">
        <p class="bg  h-10 m-10 font-bold bg-slate-50">Pls Update
details</p>
        <div class=" w-60 h-10  ml-auto mb-10">
            <img src="/assets/images/close.png" alt="" class="w-10 h-
10" (click)="toDisplay=true">
        </div>
        <div class="bg-slate-300  rounded-3xl pl-20 pr-20 pt-10 pb-10
flex flex-col items-center">
            <input class="w-80 h-12  rounded-xl border-2 border-blue-700
pl-4" [(ngModel)]="userName" >
            <input class="w-80 h-12 mt-6 rounded-xl border-2 border-
blue-700 pl-4" [(ngModel)]="userAge">
            <button class="w-60 h-12 mt-6 rounded-3xl bg-green-400 font-
bold text-white" (click)="updateUser()">Update Dtails</button>
        </div>
    </div>
```
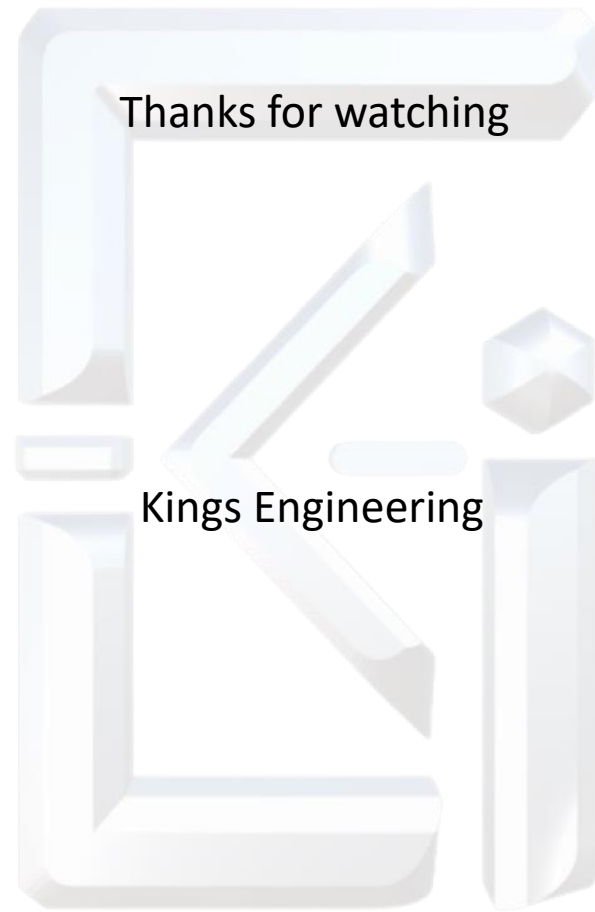
If your facing double input box in Html / css

```
<input type="text" class="w-48 h-10 rounded-md
p-4 border-black" placeholder="Enter
text"><input>
```

Enter text

To avoid double input box just remove <input>

Thanks for watching

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