**Lesson28 Creating shared module in angular**

**Notes:-**

**1-Shared Modules contains all the commonly used components, directives, pipes that we want to share with other components that import this shared modules**

**2-Consideration of create shared modules:-**

**1-may re-export from modules like FormModules , ReactiveFormModule , CommonModule.**

**2-Should not have providers**

**3-Shared Modules should not import or re-export Modules that have providers.**

**4-Shared Modules is then imported by all the Feature Module where we need the shared functionality.**

**Notes:-**

**It’s not mandatory to import each module and then export it , you can export it directly.**

**Steps:-**

**1-we apply the below command to create shared module and import it in the feature module**

**(The Reason of doing that is to include all built in directives inside shared module and then include it in feature modules)**

**ng g m Shared/SharedModule --flat Employee/employee**

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

import { CommonModule } from '@angular/common';

import { ReactiveFormsModule } from '@angular/forms';

@NgModule({

imports: [ ],

declarations: [],

//as you can see we can export the directives in this shared mdoule

exports:[

CommonModule,

ReactiveFormsModule]})

export class SharedModuleModule { }

**2-In the emp-module.ts we import the shared module inside it**

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

import {EmpEntryCompComponent} from './emp-entry-comp/emp-entry-comp.component';

import {EmpLstCompComponent} from './emp-lst-comp/emp-lst-comp.component';

import { EmpRoutingModule } from './emp-routing-module';

import {SharedModuleModule} from '../Shared/shared-module.module';

@NgModule({

//we import the shared module inside the emp-module.ts

imports: [

SharedModuleModule],

declarations:[

EmpEntryCompComponent,

EmpLstCompComponent],

// If you want the components that belong to this module, available to

// other modules, that import this module, then include all those

// components in the exports array. Similarly you can also export the

// imported Angular Modules

exports: [

EmpEntryCompComponent,

EmpRoutingModule]})

export class EmployeeModule { }