**Questions & Assignments List**

1 Routing Introduction

2 Understanding Router Structure

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

import { RouterModule, Routes } from '@angular/router';

**NgModule** providers the metadata

**RouterModule** a built-in Angular module that providers the necessary directives & services for implementing **clien-side** routing in the app.

Routes an interface which defines the structures of the route configuration used by RouterModule .

exports: [RouterModule] so that other modules can use the routes as well.

3 <router-outlet> Creating A Simple Route

as a placeholder for the router which has been defined in route module

4 Creating A Navigation Link With “routerLink” Directive

4.1 Assignment - Creating A NavBar Using Routes

5 Passing Route Parameters (Dynamic Routing)

5.1 Explain the difference between static routing and dynamic routing.

5.2 How to pass parameters to the route?

6 Wildcard Routes Displaying The ‘404’ Page

7 Understanding Nested Routes

7.1 How to define and navigate the child routes in Angular?

7.2 Can you define multiple child routes in Angular?

7.3 Assignment - Creating a multi-level men

8 Redirecting Routes

8.1 What is the purpose of the redirectTo property?

8.2 What is the pathMatch property and how does it work?

9 Understanding forRoot & forChild In Routing

9.1 State the difference between forRoot & forChild.

10 Understanding ActivatedRoute

10.1 How can you fetch the currently activated route information?

11 Query Parameters In Routing

11.1 Explain how to pass query parameters in Angular?

11.2 Assignment - Displaying Course Details And Fetching The Query Parameters