

Module 1

What is Angular

Angular setup, Install

Angular Component

Data-Binding

Interpolation

Practice Exercise

Practice 1 (65cdfdab7ba36e064487629c)

1. Create Hello World Component and call the helloWorld Component in the App Component.

*Display message "Hello World " in control id -> #display-msg

Practice 2 (65cdfdab7ba36e064487629d)

2. HelloWorldComponent-> Declare a name variable and store your name in that variable and use header tag to interpolate the variable Greeting of the day with name stored in the variable

*Display "Good morning {user name}" in control id -> #display-greeting
userName = Tom

Assignment Exercise

Assignment 1 (65cdfdab7ba36e0644876299)

1. Create a Rectangle Component that computes the area of the Rectangle.

Rectangle Length: Control ID -> #length -> Default value -> 0

Rectangle Width: Control ID -> #width -> Default value -> 0

Calculate: Control ID -> #btn-calculate

Area of Rectangle(output) -> #rectangle-area -> Default value -> 0

*The output should have two fractional digits.

Example: 0.00, 1124.93, 121.11

Assignment 2 (65cdfdab7ba36e064487629a)

2. Create Login Component that validates a user with the below credentials
username=admin, password=admin

Username Input: Control ID -> #username -> Default value -> "

Password Input: Control ID -> #password -> Default value -> "

Login Button: Control ID -> #login-btn

Login Message: Control ID -> #login-message -> Default value -> "

*Login messages:

-For successfully login -> "Login successful"

-For failure in login -> "Invalid credentials"

Assignment 3 (65cdfdab7ba36e064487629b)

3. Create a circle component that computes the area of the Circle

Radius Input: Control ID -> #radius

Calculate Button: Control ID -> #calculate-btn

Circle Area Output: Control ID -> #circle-area

*The output should have two fractional digits.

Example: 0.00, 31415.93,121.11

Introduction

the basics

course project-basics

debugging

components & databinding deep dive

course project – components & databinding

directives deep dive

Using Services & Dependency Injection

Course Project – Services & Dependency Injection

Changing Pages with Routing

Course Project – Routing

Handling Forms in Angular Apps

Course Project-Forms

Using Pipes to Transform Output

Making Http Requests