

ADVANCED WEB APPLICATION DEVELOPMENT WEEK 14 ASSIGNMENT

1. Discuss different version of Angular JS.

- Angular version 1.0, which is known as AngularJS, was released in 2010 by Google
- Angular version 2.0 was released in September 2016
- Angular 4.0 was released in March 2017
- Angular 5.0 was released in Nov 2017
- Angular 6.0 was released in May 2018
- Angular 7.0 was released in Oct 2018
- Angular 8.0 was released in May 2019
- Angular 9.0 was released in Feb 2020
- Angular 10.0 was released in June 2020
- Angular 11.0 was released in Nov 2020
- Angular 12 is released in May 2021
- Angular 13 is released in Nov 2021
- Angular 14 is released in June 2022

2. Discuss different types of IDE's are currently used for the development of AngularJS?

The best angular IDE & Tools are:

- Angular IDE
- Webstorm
- Visual Studio Code
- Sublime Text
- Brackets
- Atom
- Aptana Studio
- ALM IDE

The benefits of Angular IDE are:

- It offers real-time validation of code, displays errors as you type.
- It features auto-completion of code in the project
- It highly uses coloring and highlights the syntax-aware source
- It features block and full-formatting with advanced settings
- It supports Angular 7, TypeScript 3.0, for additional benefits to existing ones.

2. Webstorm

Webstorm is a powerful code editor created by IntelliJ developed by JetBrains and is an excellent selection for coding Angular 2 apps based on TypeScript. With Webstorm, you can start developing Angular 2 components from day one as it provides built-in TypeScript. It also removes your dependency on the third-party plugins as you can easily compile code created in TypeScript using its pure vanilla JavaScript.

The list of benefits of using Webstorm is:

- It supports JavaScript, Node.js, HTML and CSS
- It offers robust navigation and refactoring.
- It also enables integration with VSC and smart coding assistance.
- It also provides an additional plugin for the ecosystem with complete configuration, local History feature, and more.
- It also supports the latest technologies with debugging, tracing, and testing support.