### Introduction to Angular

Angular is an open source, JavaScript-based client-side framework to build web applications.

Angular is one of the best frameworks for developing Single Page Application or SPA Applications.

It was built by Google developers.

Angular is -

* An MVC based structure framework
* A Framework for developing SPA (Single Page Application) based application
* Support client-side templating features.
* Provides us a facility to perform unit test so that our code can be tested before deployment.

**What is Single Page Application (SPA)?**

A single page application is a web application or a website which provides users a very fluid, reactive and fast experience similar to a desktop application. It contains menu, buttons and blocks on a single page and when a user clicks on any of them; it dynamically rewrites the current page rather than loading entire new pages from a server. That's the reason behind its reactive fast speed.

Install Prerequisites for Angular

If we want to develop an application in Angular , then we need to configure and install the below prerequisites for the environments of the Angular

* Latest Node JS i.e. 10.16 or above
* Install Typescript version 3.4 or above
* Need to install any IDE like Visual Studio Code or Microsoft Visual Studio 2017 or above
* Also, required to install Angular CLI to run the angular project

# Angular versions

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| **Version** | **Released Date** |
| Angular Js | October, 2010 |
| Version 2 | Sep 14, 2016 |
| Version 3 |  |
| Version 4 | March 23, 2017 |
| Version 5 | November 1, 2017 |
| Version 6 | May 4, 2018 |
| Version 7 | October 18, 2018 |
| Version 8 | May 28, 2019 |
| Version 9 | February 6, 2020 |
| Version 10 | June 24, 2020 |
| Version 11 | November 11, 2020 |
| Version 12 | May 12,2021 |