**Lesson01 what is the Benefits of the Angular 2**

**Notes:-**

**\*Angular 2 Benefits**

**1-Angular 2 is faster 5 times than Angular JS**

**2-Mobile Support: with Angular 2 we can build single application that work across mobile and desktop applications**

**3-Angular 2 Based on Component**

**4-Angular 2 is built by Typescript that is used to support the ECMAScript 6 Standard**

**Most of the modern browsers available today support ECMAScript 5. The browser support for ECMAScript 6 is still incomplete. However, using a process called Transpiration, ECMAScript 6 can be converted to ECMAScript 5 which is supported by all the modern browsers. ECMAScript 6 is officially known as ECMAScript 2015. ECMAScript 2015 introduced several new features like classes, modules, arrow functions etc.**

**5-More Languages Support**

**A-ECMAScript 5**

**B-ECMAScript 6 (also called ES 2015)**

**C-Typescript**

**D-Dart**

**E-Pure Script**

**What is Typescript?**

**Typescript is a free and open-source programming language developed by Microsoft. It is a superset of JavaScript and compiles to JavaScript through a process called transpilation. Using Typescript to build angular applications provides several benefits.  
1. Intellisense   
2. Autocompletion  
3. Code navigation  
4. Advanced refactoring  
5. Strong Typing  
6. Supports ES 2015 (also called ES 6) features like classes, interfaces and inheritance. If you have any experience with object oriented programming languages like C# and Java, learning TypeScript is easy.**