There are several languages that we can use to develop Angular applications. To name a few, we have  
1. ECMAScript 5  
2. ECMAScript 6 (also called ES 2015)  
3. TypeScript etc.   
  
Besides these 3 languages we can also use Dart, PureScript, Elm, etc, but among all these, TypeScript is the most popular language.    
  
Angular 2 itself, is built using TypeScript. TypeScript has great support of ECMAScript 6 standard. So the obvious questions that come to our mind at this point are   
1. What is ECMAScript   
2. Wha is Type Script  
  
**What is ECMAScript :** The JavaScript language standard is officially called ECMAScript. Over the past several years many versions of ECMAScript were released starting with ECMAScript version 1 all the way till ECMAScript version 7.  
  
Most of the modern browsers available today support ECMAScript 5. The browser support for ECMAScript 6 is still incomplete. However, using a process called Transpilation, 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.  
  
If you are interested in reading more about the ECMAScript standard and what these different versions of ECMAScript have to offer, please refer to the the following Wikipedia article.  
<https://en.wikipedia.org/wiki/ECMAScript>  
  
**Wha is Type Script :** 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.  
  
Because of all these benefits writing, maintaining and refactoring applications can be an enjoyable experience. So obviously TypeScript has become the number one choice of many developers for developing Angular applications.  
  
For this course we will be using Visual Studio as the code editor. Besides Visual Studio, TypeScript is supported by several other editors like  
1. Visual Studio Code  
2. Eclipse  
3. WebStorm  
4. Atom  
5. Sublime Text etc.