* Javascript is lightweight.
* Data transfer is in the form of JSON, XML etc
* Jquery is a library of javascript functions
* Jquery is client side programming
* Javascript is client side programming but with the help of typescripting and Node JS we can do it on server also.
* JAVASCRIPT->JQUERY->AJAX->AngularJS

OOJD – Object Oriented Java Development

Var obj = {};

Var Emp = {key : value};

Function

Jquery

Why?

DOM Manipulation

CSS with Java script

Animations

1. $ -> Object -> Jquery

Angular JS

Javascipt>ECMA5>ECMA6>TypeScript

Why?

OO Way of Programming

Typed Programming which is strong

Compiled Language

Compile time checking

Typescript = JAvascript(ECMA5)+ECMA6

Angular is written in Type script

Compiler for typescript

NodeJS

TypeScript

Babble

Typescript is a compiled language

How??

Install

Ng new MyshoppingApp -> This is CLI which will create a template automatically

Npm – node package manager

This is the package which will have all the necessary key value pair to compile the .ts(typescript) file.

To install npm:

Npm install typescript -g

To create this config file :

Tsc –init

This will create a config.json file in the particular folder

To compile any ts file run the command tsc helloworld.ts

The above command with compile the .ts file and create a .js file