**Angular 6**

Closer : an inter function can have access to the outer function.

Ex: morningGreet.prototype

Check the available functions:

Ex: String.prototype

Memoize function: fetching result from cache memory

Functional programming usage:

They can be applied any kind of data and not restricted any particular data

ES 5

ES2015 🡪 ES 6 version enhancements

ESNext

Transpilers are used to convert ES2015 code to ES 5 Version

Babel

ES2015 Features;

1. Introduction of scoped variables and constants

let

const

1. Deconstructing

Let colors = {red, green,…blue}

Let[red, green, …] = colors

1. Arrow operator
2. New String literal

Symbol: **` `**

1. Promise API -> For Asynchrous calls

Node JS:

Is event loop based single threaded environment built on top of V8 JS engine

Used in; Netplix, youtube, hotstart.

To execute js file on Node environment:

C:\Users\Administrator\Desktop\Angular6\SG\_WS> node ./ex1.js

Package manager for Node js:

C:\Users\Administrator\Desktop\Angular6\SG\_WS\myapp> npm init

Test cmd:

test command: mocha --reporter spec

Adding dev dependences cmd:

PS C:\Users\Administrator\Desktop\Angular6\SG\_WS\myapp> npm i --save-dev mocha chai request

For Prod dependences cmd:

PS C:\Users\Administrator\Desktop\Angular6\SG\_WS\myapp> npm i --save mocha chai request

Run the MyApp application:

PS C:\Users\Administrator\Desktop\Angular6\SG\_WS\myapp\app> node ./server.js

Mocha 🡪 testing framework

Chai --> Assertion library

To run the test cases report:

Myapp> mocha --reporter spec

Mocha installation at global (to execute command level mocha)

PS C:\Users\Administrator\Desktop\Angular6\SG\_WS\myapp\app> npm i -g mocha

To Run test cases:

PS C:\Users\Administrator\Desktop\Angular6\SG\_WS\myapp\app> npm test