Creator of TypeScript – Anders Hejlsberg. First released in October 2012

TypeScript – Just like javascript. Strongly-Typed variables.

**Data Type declarations**

var firstName: string =”Harvey” //string

var street //no type

**Data Types in TypeScript**

string, number, Boolean, any

Global Scope – Global variables are declared outside the programming constructs. These variable can be accessed.

Class Variable – These variables are also called fields.

Local Variable -

.ts = file extension

Convert to JavaScript. Node Js compile the result

ts “File Name.ts”

node “File Name.js”

**Operations**

* Arithmetic operators
* Logical Operators
* Relational operators
* Assignment Operations
* Miscellaneous Operators

Optional Paramater = parameterName?

Rest parameter = …num: number[]