JavaScript

TypeScript

Basics

Compile : tsc *filename*.ts

Ease of use : tsconfig.json

Warn about type errors

Implicitly infer type (: any = , get rid of type annotation)

let a : number; (force type)

type Style = 'bold' | 'italic' => let font: Style

interface Person { first : string ; last: string;}

(add [key: string]: any to add any other property)

function pow(x: number, y:number): void { … }   :void is the type of the returned value

const arr: number[ ] = [ ]

type list = [number?, string?, boolean?] : tupple, the "?" means that the parameter is optional.