# Instructions - Exercise 1.4 – TypeScript

* Create a new directory and name it ts-examples
* Setup the directory for TypeScript
  + Install typescript, tslint and @node/types
  + Generate a new tsconfig.json file
  + tsconfig.json
    - outDir: “dist”
    - lib: [“ES2015”]
    - moduleResolution: “node”
    - Leave the remaining defaults “as-is”
  + Generate a tslint.json file
* Create new file and name it person.interface.ts
* Create a new file and name it person.class.ts
* person.interface.ts
  + Create a new interface and name it **IPerson**
  + Two fields:
    - firstName: string
    - lastName: string
* person.class.ts
  + Implement the IPerson interface
  + Constructor
    - Accept two arguments (firstName and lastName) and assign the values to the implemented IPerson fields
* Create a new Person object passing-in your first and last name
* Use the console.log() function to output the Person objects first and last name values
* Add a new script to the package.json file that transpiles the person.class.ts file and uses node to run the transpiled file