Course Summary

We started out with the very fundamentals of TypeScript modules

– Why and when to use modules

– What makes a module a module

– Internal and external modules are now modules and namespaces

– Creating a basic TypeScript modules project

– Compiling TypeScript to JavaScript

Course Summary

Creating basic TypeScript modules
- Exporting code from a module
  - Named exports
  - Default exports
  - Re-exports
  - Barrel files

Course Summary

Creating basic TypeScript modules

– Importing code into a module

- Named imports

- Re-named imports

- Wildcard imports

- Barrel imports

- Importing default exports

Course Summary

Creating basic TypeScript modules
- Conditionally importing modules
- Importing JSON modules

Course Summary

Ambient modules

- Describe JavaScript modules
- Have the extension d.ts
- How to create them manually or automatically
- Using third-party types
- Augmenting existing type declarations

Course Summary

Module resolution deep-dive

- Understanding where the compiler looks for modules to import
- Resolution tracing
- baseUrl
- paths
- rootDirs

Course Summary

Now that you understand the key concepts of modules, you can focus on creating elegant TypeScript applications!