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| Week 8 |  |  |
| Day 1 | Introduction to TypeScript | What is TypeScript |
|  |  | Advantages of TypeScript |
|  |  | Disadvantages of typescript |
|  |  | Declaration of variables |
|  |  | Data types in typescript |
|  |  | Understand scope |
|  |  |  |
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| Day 2 | Classes and interfaces | Classes and Interfaces in Typescript -agenda |
|  |  | Classes in typescript |
|  |  | Interfaces in typescript |
|  |  | What are access modifers |
|  |  | Practice Quiz (WK 6 Day 1) |
|  |  | [Coding Challenge (WK 6 Day 1)](https://olympus.mygreatlearning.com/courses/67331/modules/items/2112061) |
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| Day 3 |  | Introduction to Node.JS |
|  |  | Install node |
|  |  | introdcution to Angular |
|  |  | What are SPA |
|  |  | Introduction to Angular Framework |
|  |  | Angular Building Blocks |
|  |  | Angular CLI and installation of Angular |
|  |  |  |
|  |  |  |
| Day 4 |  | CLI Commands |
|  |  | Angular Project Structure |
|  |  | understanding package.json |
|  |  | How does it work? |
|  |  | [Practice Quiz (WK 6 Day 2)](https://olympus.mygreatlearning.com/courses/67331/modules/items/2156987) |
|  |  | [Coding Challenge (WK 6 Day 2)](https://olympus.mygreatlearning.com/courses/67331/modules/items/2124909) |
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| Day 5 | Angular CLI | Component concept in Angular – Agenda |
|  |  | Angular components |
|  |  | Angular templates and styles |
|  |  | Angular view Encapsulation |
|  |  | configure components |
|  |  | Child and sibling components |
|  |  | Angular modules |
|  |  | [Coding Challenges (WK 6 Day 3)](https://olympus.mygreatlearning.com/courses/67331/modules/items/2112091) |
|  |  | [Practice Quiz (WK 6 Day 3)](https://olympus.mygreatlearning.com/courses/67331/modules/items/2156990) |
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