**Testing**

**Basic**

1. What is TypeScript? What are the advantages of use?
2. Using tsconfig.
3. Primitives and built-in types.
4. Type assertions. Type Inference.
5. Type unions. | and &
6. Special Types: Using any and unknown types. Type never. Give example.
7. What is the Tuple? Use cases.
8. Functions in Typescript. What are the differences from ES6 functions
9. Working with Enum. Numeric and String Enums.

**TS OOP**

1. What is an interface? How to define and extend?
2. What is the type alias? Differences between Type Aliases and Interfaces.
3. Classes vs Interfaces. What are the differences between them?
4. What are the access modifiers? What are their differences?
5. How the static class properties work.
6. Abstract class. Use cases.

**Other**

1. Template Literal Types (Nice to have)
2. Difference between the optional chaining and nullish coalescing?(Nice to have)
3. Keyof Type Operator. Use cases.
4. What are decorators? What can you attach decorators to?
5. Decorator Factories (Nice to have)
6. What are Generics? Why are they used? Give example.
7. What Utility Types do you know? ( Record, Parsial, Readonly, Required...) Describe them. (Nice to have)
8. What is Namespace? The difference between namespace and ES modules?
9. Dynamic Import Expressions (Nice to have)