**Three Advantage of TypeScript**

1**. Predictability**: With TypeScript, everything stays the way it was initially defined. If a variable is declared as a string, it will always be a string and will not turn into a Boolean. This enhances the likelihood of functions working the way initially intended.

2. **Minimize Error**: optional strong static typing: Once declared, a variable does not change its type and can take only certain values. The compiler alerts developers to type-related mistakes, so they have no opportunity to hit the production phase. This results in less error-prone code and better performance during execution.

3. **Readability:** Due to adding strict types and other elements that make the code more self-expressive (so-called syntactic sugar), you can see the design intent of developers who originally wrote the code. It is especially important for distributed teams working on the same project.

**4.Fast refactoring**

Refactoring or updating the app without changing its behavior is needed to keep the codebase robust and maintainable. TypeScript makes this important process easy.