**Enums**

Enums in TypeScript are a way to define a set of named constant values representing discrete options or categories. They provide a convenient means to work with descriptive values in a more readable and expressive way. In essence, enums allow you to create a new data type composed of predefined, related values.

Here's an example of how to define and use an enum in TypeScript:

enum Days {

Sunday,

Monday,

Tuesday,

Wednesday,

Thursday,

Friday,

Saturday

}

const today: Days = Days.Wednesday;

console.log(`Today is ${Days[today]}`);

In this example:

1. We create an enum called **Days** with a list of constant values, starting from 0 by default. Enums allow us to assign meaningful names to these values.
2. We assign the value **Days.Wednesday** to the variable **today**.
3. We use **Days[today]** to retrieve and display the name of the day associated with the value in **today**.

Enums make code more readable by providing human-readable names for specific values, and they are commonly used for categories like days of the week or status codes.