**Tuple**

A tuple is a data type in TypeScript that is similar to an array but has a fixed number of elements, and you can specify the types of each element at specific positions within the tuple. Here's an explanation based on the provided code:

// Defining a tuple type

let article: readonly [number, string, boolean] = [11, "Title One", true];

// Assigning a new tuple value to the `article` variable

article = [12, "Title Two", false];

// Trying to push a new element into a tuple (will result in an error)

// article.push(100);

console.log(article);

// Destructuring the tuple into individual variables

const [id, title, published] = article;

console.log(id);

console.log(title);

console.log(published);

* We define a tuple type for the article variable, specifying that it should have three elements with specific types: a number, a string, and a boolean.
* We assign a matching tuple value to article.
* We demonstrate that you can reassign a new tuple value that matches the type structure.
* We show that tuples are fixed in size and can't have additional elements added.
* Lastly, we use destructuring to extract and display the individual elements of the article tuple.