**Task 03**

**1. TypeScript Feature Used for Return Type**

The TypeScript feature being used to specify the return type of the getUserInfo function is **Generics with an explicit type annotation**. Specifically, the function is returning a Promise object that resolves to an object with the structure { name: string; age: number }. This ensures that the function returns a promise containing an object with name as a string and age as a number.

Promise<{ name: string; age: number }>

2. **Modifying the Function to Handle Missing age Property**

function getUserInfo(userId: number): Promise<{ name: string; age?: number }>

{

return fetch(`/api/users/${userId}`) .then(response => response.json());

}