

Problem 2621: Sleep

Problem Information

Difficulty: Easy

Acceptance Rate: 87.44%

Paid Only: No

Problem Description

Given a positive integer `millis`, write an asynchronous function that sleeps for `millis` milliseconds. It can resolve any value.

****Note**** that _minor_ deviation from `millis` in the actual sleep duration is acceptable.

****Example 1:****

****Input:**** millis = 100 ****Output:**** 100 ****Explanation:**** It should return a promise that resolves after 100ms. let t = Date.now(); sleep(100).then(() => { console.log(Date.now() - t); // 100 });

****Example 2:****

****Input:**** millis = 200 ****Output:**** 200 ****Explanation:**** It should return a promise that resolves after 200ms.

****Constraints:****

* `1 <= millis <= 1000`

Code Snippets

JavaScript:

```
/**  
 * @param {number} millis  
 * @return {Promise}
```

```
*/  
async function sleep(millis) {  
  
}  
  
/**  
* let t = Date.now()  
* sleep(100).then(() => console.log(Date.now() - t)) // 100  
*/
```

TypeScript:

```
async function sleep(millis: number): Promise<void> {  
  
}  
  
/**  
* let t = Date.now()  
* sleep(100).then(() => console.log(Date.now() - t)) // 100  
*/
```