

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
 */
```