

Given a positive integer number and a certain length, we need to modify the given number to have a specified length. We are allowed to do that either by cutting out leading digits (if the number needs to be shortened) or by adding `0s` in front of the original number.

Example

- For `number = 1234` and `width = 2` , the output should be `integerToStringOfFixedWidth(number, width) = "34"` ;
- For `number = 1234` and `width = 4` , the output should be `integerToStringOfFixedWidth(number, width) = "1234"` ;
- For `number = 1234` and `width = 5` , the output should be `integerToStringOfFixedWidth(number, width) = "01234"` .

Input/Output

- **[execution time limit] 4 seconds (js)**
- **[input] integer number**

A non-negative integer.

*Guaranteed constraints:*

$0 \leq \text{number} \leq 10^5$  .

- **[input] integer width**

A positive integer representing the desired length.

*Guaranteed constraints:*

$1 \leq \text{width} \leq 5$  .

- **[output] string**

The modified version of `number` as described above.

[JavaScript (ES6)] Syntax Tips

```
// Prints help message to the console
// Returns a string
function helloWorld(name) {
  console.log("This prints to the console when you Run Tests");
  return "Hello, " + name;
}
```