

Palindrome Number

Background: A palindrome number is a number that reads the same forwards and backwards.

Challenge: [LeetCode](#)

Resources: [MDN Web Docs](#), [w3Schools](#) and [freeCodeCamp](#)

Notes: The code below is intended to be informational and is not meant to be the only way to write a palindrome number checker. In addition to the function below, I employed other functions and methods to test conditions and facilitate user interaction.

```
function isPalindromeNum(int) {  
    //convert the integer to a string array, reverse it and convert it back to a string  
    //use parseInt to convert the reversed string to an integer  
    let intArr = parseInt(int.toString().split("").reverse().join(""))  
  
    //satisfy the constraints of the challenge  
    if(int >= Math.pow(2, 31)-1 || int <= Math.pow(-2,31)) {  
        return 0;  
    }  
    //Use a ternary operator to check if the backward int is the same as the forward  
    int  
    return intArr === int ? true : false;  
};  
  
// TESTING THE FUNCTION  
console.log(isPalindromeNum(121)); // true  
console.log(isPalindromeNum(-121)); // false  
console.log(isPalindromeNum(10)); // false  
console.log(isPalindromeNum(101)); // true  
console.log(isPalindromeNum(-625)); // false
```