

# Coding Challenges

**Write a function that determines whether or not a number is a perfect number.**

```
/**
 * Determines whether the given number is a perfect number.
 * A perfect number is a number that is equal to the sum of its proper divisors (excluding itself).
 *
 * @param {number} num - The number to check.
 * @returns {boolean} True if the number is perfect, false otherwise.
 */
function isPerfectNumber(num) {
    // ...
}
```

1. **Create a function with one parameter. Have the function `console.log()` the input.**
2. **Use a loop to determine all the potential divisors.**
3. **Place all divisors except the input number in an array.**
4. **Sum all the numbers in the array.**
5. **Compare the total with the input.**
6. **Return `true` or `false`.**