



# JAVASCRIPT

# INTERVIEW QUESTIONS



// Question No.10 "Calculate the factorial of a number using a do-while loop."

```
function factorial(n) {  
    if (n < 0 || !Number.isInteger(n)) {  
        return "Invalid input. Please provide a non-negative integer.";  
    }  
    let result = 1;  
    let i = 1;  
    do {  
        result *= i;  
        i++;  
    } while (i <= n);  
    return result;  
}  
  
let number = 5;  
let result = factorial(number);  
console.log(`The factorial of ${number} is: ${result}`);
```

// Output

The factorial of 5 is: 120





# THANK YOU

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