

Exercise: Simple Calculator with Error Handling

Objective: Create a simple calculator function that takes two numbers and a math operation (e.g., +, -, *, /) as input. Use a try...catch block to handle potential errors, such as division by zero or invalid inputs.

Instructions:

1. Write a function named `calculate` that takes three arguments: `num1`, `num2`, and `operation`.
2. Inside the function, use a try...catch block to handle any errors that may arise.
3. Perform the operation based on the value of `operation`:
 - "+": Add `num1` and `num2`
 - "-": Subtract `num2` from `num1`
 - "*": Multiply `num1` and `num2`
 - "/": Divide `num1` by `num2`
4. If `operation` is not one of the above symbols, throw an error with a message like "Invalid operation".
5. If the operation is division and `num2` is 0, throw an error with a message like "Cannot divide by zero".
6. In the catch block, log the error message to the console.

Example Usage:

```
console.log(calculate(10, 2, "+")); // Should output 12
console.log(calculate(10, 2, "/")); // Should output 5
console.log(calculate(10, 0, "/")); // Should throw "Cannot divide by zero" error
console.log(calculate(10, 2, "&")); // Should throw "Invalid operation" error
```

Expected Output:

- For valid operations, the result should be logged.
- For invalid operations or division by zero, the catch block should handle the error and log the appropriate message.