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#include

// Function to calculate factorial
int factorial(int n) {
    int fact = 1;
    for (int i = 1; i <= n; i++) {
        fact *= i;
    }
    return fact;
}

// Function to check strong number
int isStrongNumber(int num) {
    int sum = 0, temp = num;
    while (temp != 0) {
        int digit = temp % 10;
        sum += factorial(digit);
        temp /= 10;
    }
    return (sum == num);
}

int main() {
    int num;
    printf("Enter a number: ");
    scanf("%d", &num);

    if (isStrongNumber(num)) {
        printf("%d is a strong number.\n", num);
    } else {
        printf("%d is not a strong number.\n", num);
    }

    return 0;
}

```