```c
#include <stdio.h>
#include <math.h>

int main() {
    int number, originalNumber, remainder, result = 0, n = 0;

    printf("Enter an integer: ");
    scanf("%d", &number);

    originalNumber = number;

    // Count number of digits
    while (originalNumber != 0) {
        originalNumber /= 10;
        ++n;
    }

    originalNumber = number;

    // Calculate sum of nth power of individual digits
    while (originalNumber != 0) {
        remainder = originalNumber % 10;
        result += pow(remainder, n);
        originalNumber /= 10;
    }

    // Check if number is Armstrong
    if (result == number)
        printf("%d is an Armstrong number.\n", number);
    else
        printf("%d is not an Armstrong number.\n", number);
```

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    return 0;

}
```