

# PROVE IT

## C# ALGORITHMS & DATA STRUCTURES

### PERFORMANCE EVALUATION CHALLENGE

#### GOAL

Test how much of a performance difference concatenating strings is vs. using StringBuilder. Append the same string in each case. Test at 500, 5,000, and 50,000 iterations.

#### BONUS

Make a test harness that accepts an Action method. Use it to test strings like in above and then also to test the performance of decimal vs. double (0.5 million and 5 million).