

CSCI 400 – Programming Language Concepts – Spring 2019
HW 07 – Axiom of Assignment (10 points)

This assignment is to be turned in through Blackboard.

1. (5 points) Compute the weakest precondition for the following statement and postcondition.

$$b = (c + 10)/3 \ \{b > 6\}$$

2. (5 points) Prove the correctness of the following assignment statement

$$\{j = 3 \text{ and } k = 4\} \ j = j + k \ \{j = 7 \text{ and } k = 4\}$$