CS 0445 Spring 2019 Assignment 1

Name: _____

Note: Points for classes based on both functionality and style

Customer class:

Data: _____ (5)

Methods: _____ (5)

Teller class:

Data: _____ (5)

Methods: _____ (5)

SimBank class:

Data: _____ (10)

Constructor / initialization:

Arbitrary number of Tellers: _____ (5)

Single Q / multi Q setup: _____ (5)

Other initializations: _____ (5)

runSimulation() method:

Overall loop is correct: _____ (10)

ArrivalEvents created / handled: _____ (10)

Queue management correct: _____ (10)

Customers leave if too many waiting: _____ (5)

CompletionLocEvents created / handled: _____ (10)

Arrivals / Service Times gen. correctly: _____ (10)

System clock updated correctly: _____ (5)

showResults() method:

Individual Customer information shown: _____ (10)

Customers who did not stay shown: _____ (5)

Basic bank setup info shown: _____ (5)

Average Customer wait time: _____ (5)

Maximum Customer wait time:	_____ (5)
Std Dev. Customer wait time:	_____ (10)
Other stats:	_____ (5)
Assig1.java works as is (with no changes):	_____ (7)
Single / Multi Q results same for single Teller:	_____ (8)
Overall results are correct / consistent:	_____ (10)
Write-up Analysis:	
Preferred Queue setup justified with data:	_____ (8)
Optimal number of tellers explained reasonably:	_____ (7)
Assignment Information Sheet/Submission:	_____ (5)
Documentation:	_____ (5)
Subtotal Points:	_____ (200)
Normalized Points (Subtotal / 2.0):	_____ (100)
Extra Credit:	_____ (10)
Late Penalty	_WAIVED_ (-15)
Total	**_____ (100)**