Corrections to Assessment Item 1 Coit12120 Systems Simulation

Dear Student,

My apologies for this late posting of corrections to Assignment 1.

To simplify Question 1 so that it can be completed using the Simul8 software, the following changes have been made,

**Corrections to Assignment 1 Question 1.**

(1) Each clerk attends to a batch of fixed size 3, items at a time.

(2) The time interval for collection of data is extended to 1000 minutes.

(3) The following paragraph

"The time to find an item depends on the number of items the clerk must locate in the warehouse. This time is normally distributed with a mean equal to three times the number of items to be picked up. The standard deviation is equal to 0.2 of the mean. Thus, if one item is to be obtained from the warehouse, the time to locate the item is normally distributed with a mean of 3 and a standard deviation of 0.6 minutes."

is to be replaced with that below.

"The time to find three items is normally distributed with a mean equal to 9 minutes and standard deviation is equal to 1.8."

This means that a fixed time distribution is to be used to find an item in the warehouse, rather than one that is variable.

(4) Delete Question 1(c).

**DUE DATE - Assessment item 1:**

Due to these changes above the due date for submission of this first assessment item is now moved back one week to be THE END of WEEK 6.

Please check out the batching examples under the Example directory after you have installed Simul8.
Program Files/SIMUL8/Examples.

Yours sincerely

Russel Stonier.