**Assignment**

**Introduction**

**ISM-6436 Operations & Supply Chain Processes**

Build your own version of the t-shirt example case presented in video. For your circumstance include the following points:

* Event Demand: N(5000,1000) (integers only)
* Post-Event Demand: N(1000,200) (integers only)
* Fixed Printing Cost: $1300
* Variable Unit Cost: $8
* Price At Event: $20
* Price After Event: $10

Run your simulation three times, 5,000 iterations each time. For the simulations evaluate profit for initial printing quantities of 5,000, 7,500, and 10,000 units. In each simulation case report 1) the average profit of 5,000 iterations, and 2) the proportion of 5,000 iterations which result in negative profit.

Your deliverable is a functioning Excel spreadsheet enabled with @Risk functions, uploaded to Canvas by the assignment deadline stated on the Lesson Plan. The required simulation results can be simply typed into cells on the spreadsheet. Include a cover page for your file which lists your name and the names of any other group members deserving credit for this work. Group sizes may be no larger than 3, and only one group member need submit the final deliverable.