Modeling and Simulation

(CSC 420)

Assignment 1



Submitted By-

Your Name
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Submitted To-

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Instructions:

- Draw diagrams wherever relevant. Explain your notations explicitly and clearly.
- An incomplete assignment is NOT acceptable for submission.
- Once you submit your assignment, you will be expected to answer all the questions there INDEPENDENTLY. You may be asked to answer any question of the assignment in the class.

Q1. Give detailed comparison of different packages used for simulation.

Q2. What are the four possible ways to study a system?

Q3. What is the experimental definition of probability?

Q4. Write a C function that returns exponentially distributed random variables with mean value *x*.