CSUS, College of Engineering and Computer Science

Department of Computer Science

CSC 138 – Computer Networking Fundamentals

Problem Solving Assignment

Transport Layer – TCP Mux and Demux Network Layer – Dijkstra's Link State Algorithm – Advanced Link Layer – Learning Switches – Advanced

Goal: This assignment will help you enhance your understanding of the corresponding transport layer, network layer and link layer concepts.

Attention: Plagiarism is absolutely **NOT** allowed!

Instructions:

Please go to this URL: https://gaia.cs.umass.edu/kurose_ross/interactive/index.php to do the following interactive assignment. When you get your answer correct, please take a screenshot and put them in the report. No explanation is needed.

https://gaia.cs.umass.edu/kurose_ross/interactive/TCP_Mux_Demux.php https://gaia.cs.umass.edu/kurose_ross/interactive/dij_advanced.php https://gaia.cs.umass.edu/kurose_ross/interactive/learning_switch.php

Deliverable: A lab report, with an <u>electronic submission</u> to Canvas, is expected to include your <u>screenshots</u> that can help you demonstrate your work. Otherwise, penalty will be given in grading.