

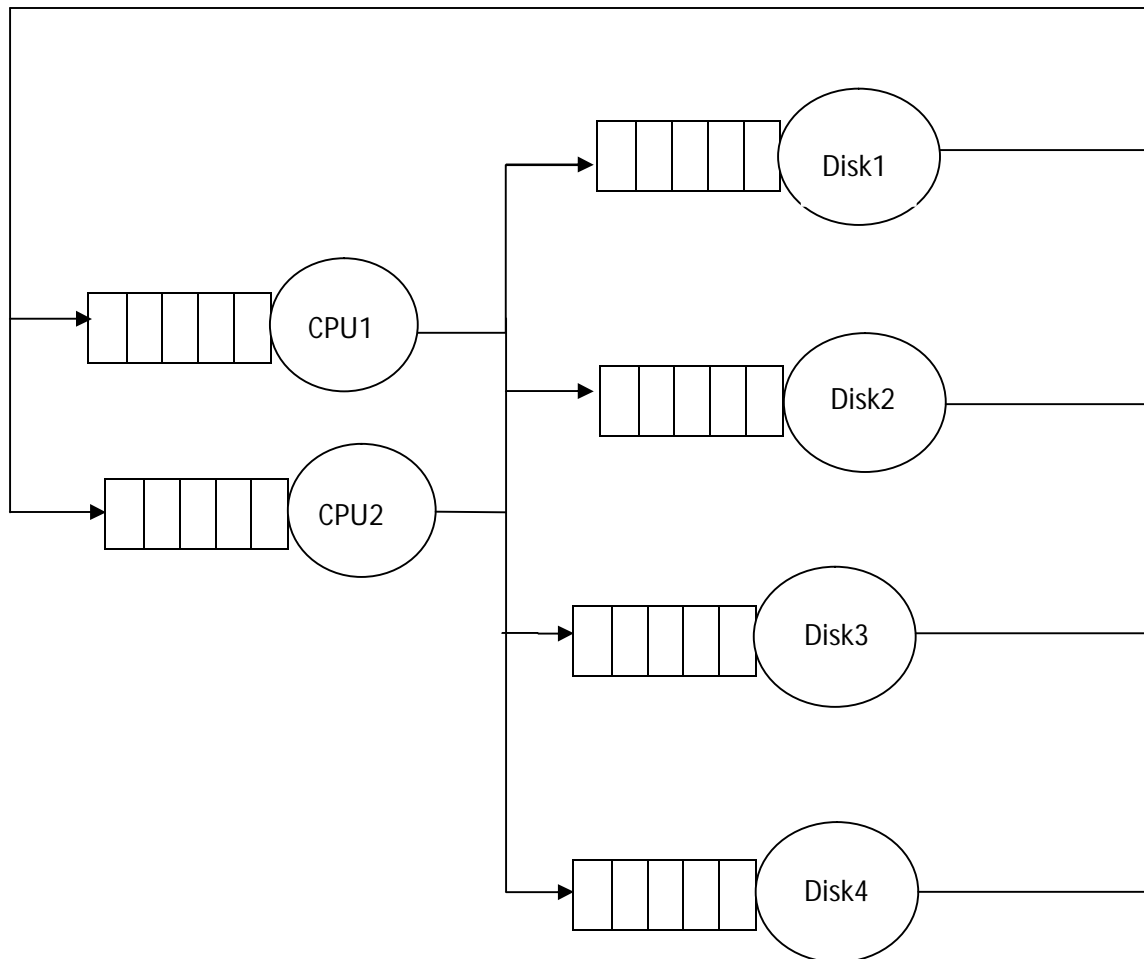
Performance Evaluation of Computer Networks

Quiz#6: Flow Equivalent Server Method

Student Name:

Student Number:

1. Consider a queuing network model of Figure 1, representing a web server with two identical CPUs and four identical disks. Let the service demand of a request at CPU and disk be **200 ms** and **400 ms**, respectively. Suppose that the server operates with maximum 10 threads. Obtain the Flow Equivalent Server model of the system.



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