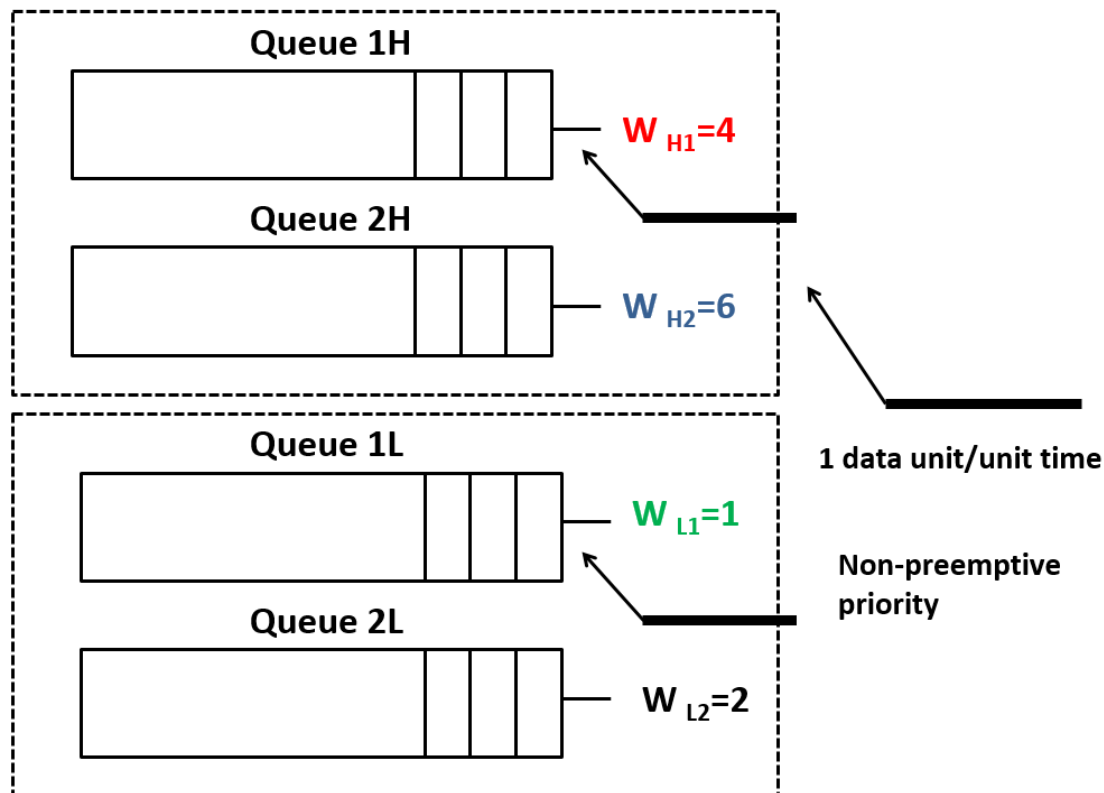


Assignment

Deadline Sunday, 22nd of April 2018



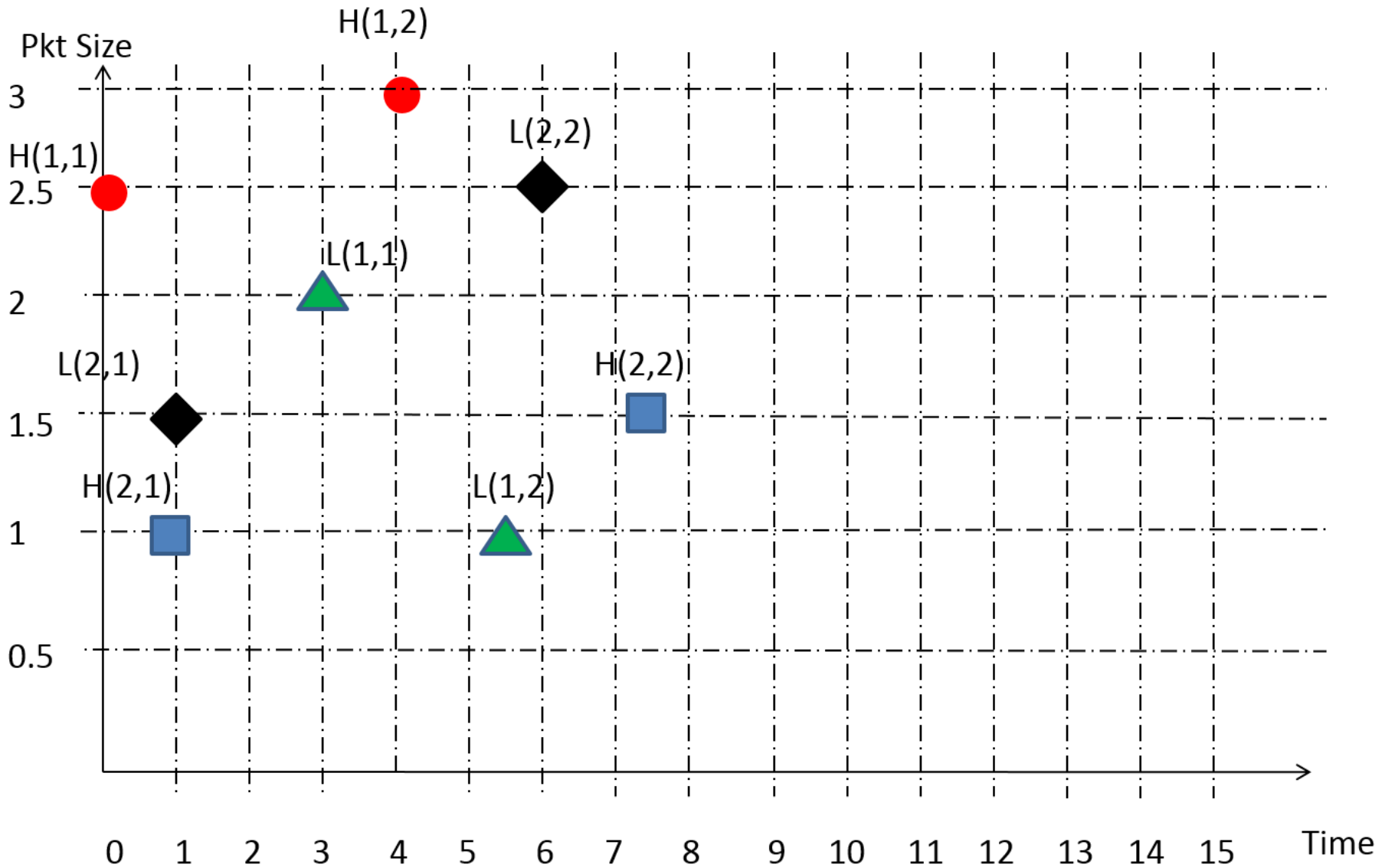
Compute the delay experienced by all buffers and plot the queue size versus time.

Queue 1H: arrival @ $t = 0$, length = 2.5
 arrival @ $t = 4$, length = 3

Queue 2H: arrival @ $t = 1$, length = 1
 arrival @ $t = 7.5$, length = 1.5

Queue 1L: arrival @ $t = 3$, length = 2
 arrival @ $t = 5.5$, length = 1

Queue 2L: arrival @ $t = 1$, length = 1.5
 arrival @ $t = 6$, length = 2.5



Faculty of Information Engineering & Technology
 The Networking Department
 Course: Transmission & Switching [NETW 601]
 Dr. Mohamed Ashour
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Name:
 ID Number:
 Tutorial Number:

| Time | Buffer | Packet Length | R(t) | Finish Tag | Delay |
|------|--------|---------------|------|------------|-------|
| | H(1,1) | | | | |
| | L(2,1) | | | | |
| | H(2,1) | | | | |
| | L(1,1) | | | | |
| | H(1,2) | | | | |
| | L(1,2) | | | | |
| | L(2,2) | | | | |
| | H(2,2) | | | | |