











A shared variable x, initialized to zero, is operated by Journ process

W, X, Y, Z. Brocers W and X increment x by one, while Brocers X, Z

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Execution to two. Foch process before steading perform wait on

semaphore 'S' and signal on 'S' after stare. If Semaphore 'S'

initialized to two, find what is the maximum possible value of X

after all processes compilete execution? Greate-2013 (2 marks)

A = \$\frac{1}{2} \frac{1}{2} \frac{1}{2}

































