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| Q1 | 1. What are the three main goals of an operating system 2. Draw the four components of a computer system 3. Which of the following instructions should be privileged?  * Set value of timer. * Read the clock. * Clear memory. * Issue a trap instruction. * Turn off interrupts. * Modify entries in device-status table. * Switch from user to kernel mode. * Access I/O device. |  |
| Q2 | 1. What are the main advantages of multiprocessor systems? 2. What is the difference between Asymmetric and Symmetric Multiprocessing? Then draw the Symmetric multiprocessing architecture. |  |