Sample Assessment

a. What are some of the common job schedulers used on supercomputers and cluster computers?
b. What kind of file systems are used on supercomputers for running jobs?
c. Understanding how schedulers schedule different jobs based on the resources requirements is very helpful for running big applications on supercomputers. Explain in detail how a scheduler schedules and runs jobs on supercomputers? What could we do to limit the queue wait time, and maximise resource usage?