**CS469 – PE08 Questions**

**Q. As part of the assignment, describe how the greedy algorithms can be used with an example problem.**A simple real-world example of a greedy algorithm is scheduling airplanes on a runway. Since only one plane can use the runway at a time, the trick should be to fit in as many takeoffs and landings as possible. The greedy way to do this is to always choose the plane that will finish the earliest, then move on to the next one that fits. By making that quick decision each time, you end up getting a busy runway running smoothly without having to check every single possible schedule.  
  
**Snippet from HOS08A:  
A screenshot of a computer screen

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