SE401 – Assignment 2.1

Solve the following questions and submit your answers to LMS.

Homework Tips Checklist for Parents

# Questions

1. We have stated that 100% reliability is indistinguishable from correctness, but they are not quite identical. Under what circumstance might an incorrect program be 100% reliable?
2. Under what circumstances can making a system more safe make it less reliable?
3. Some professionals claim that increased software usability necessarily involves decreased efficiency. Others claim no dependence between software efficiency and usability.
   1. Do you agree with the first or the second group?
   2. Discuss your answer
4. Compare and contrast Verification and Validation
5. What is the difference between quality assurance and quality control?