Turn this assignment in electronically using the Curator system. No late assignments will be accepted.

References to Stallings below refer to the course textbook by William Stallings, "Operating Systems: Internals and Design Principles – Fifth Edition," Prentice Hall, ISBN 0-13-147954-7.

1. [10 points] Problem 1.3 from Stallings, page 39.

2. [10 points] Problem 1.5 from Stallings, page 39.

3. [10 points] Problem 1.8 from Stallings, page 40.

4. [10 points] Briefly describe the difference between temporal locality and spatial locality.

5. [10 points] Briefly describe why the method of using interrupt priorities is generally preferred to disabling interrupts as an approach to handle multiple interrupts.