

Here is a list of questions. Midterm 2 on May 17 may include some of these questions, some questions which are variations of these questions, and some additional questions not on this list.

1. Consider every question from Midterm 1 and from the Midterm 1 Question List to be on this list.
2. Describe two defining characteristics of open source software development.
3. How could you use Brooks' Law, from *The Mythical Man-Month*, to help you as a junior member of a software development team?
4. Name and briefly define the four "essential difficulties" of software development that Brooks discusses in *No Silver Bullet*.
5. Which, if any, values of the "agile" approach to software development are violated by the Waterfall Model?
6. Draw and label the Spiral Model.
7. What is the Testing Process Model described in lecture?
8. Draw a UML Class Diagram for WebReg.
9. Define the following three terms, as used in software engineering: error, fault, failure.
10. What is the difference between black box testing and white box testing?