1. **As new SE techniques help us to build larger & more complex systems, the demands increase.** Systems have to be built more quickly; larger, even more complex systems are required, etc. Existing SE methods cannot cope and new SE techniques have to be continuously developed to meet these increasing demands.

Many companies have drifted into software development as their products and services have evolved, but do not use SE methods in their everyday work. Consequently, their software is often more expensive and less reliable than it should be. We need better software engineering education and training to address this problem.

2. The *Guide to the Software Engineering Body of Knowledge* (*SWEBOK Guide*), produced by the IEEE Computer Society and its volunteers, describes **generally accepted knowledge** about software engineering. From the SWEBOK website, its objectives are to:
   - characterize the contents of the Software Engineering Body of Knowledge;
   - provide a topical access to the Software Engineering Body of Knowledge;
   - promote a consistent view of software engineering worldwide;
   - clarify the place of, and set the boundary of, software engineering with respect to other disciplines such as computer science, project management, computer engineering and mathematics;
   - provide a **foundation for** curriculum development and individual certification and licensing material.

3. a. did; b. did not; c. did not; d. did; e. did

4. g

5. b

6. e

7. b

8. f


11. (See pages 63-64 of Sommerville text.)

12. false, true, true, false, true

Histogram of Scores

avg