

# Quiz 4

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## **Question # 1:**

This Code of Conduct provides a good general guideline for how to act in any career, and especially in Computer related careers. To me, applying these rules means to generally be nice and respectful and to use common sense in the workplace. It would also mean continuing professional development, keeping up with new technologies, and striving to be a quality and professional worker.

## **Question # 2:**

Boyer says that safety-critical software should be defined in a more broad sense than safety-critical systems. Safety-Critical Systems are defined to be those systems which could cause a loss of life if they failed. So, Boyer believes that safety-critical software should include all software which runs on systems, or for structures, whose failure could result in serious injuries or loss of life. For example, software used to plan and test the design of bridges would be safety-critical software.

## **Question # 3:**

I believe that Codes of Conduct can provide a standard for when to whistleblow, but not necessarily. For example, the ACM Code of Conduct specifically says to report, to them, when a breach of the Code of Conduct is observed. However, guidelines such as that one only provide guidance on reporting when the Code of Conduct itself is explicitly breached; therefore if some action is in a gray area, there is not necessarily guidance on whether to report it or not. Also, they may not provide guidance on who to report to, or whether someone should inform the public if their report goes unnoticed. So, in my opinion, a Code of Conduct can provide good guidance on when to whistleblow so long as it addresses those issues.

**Question # 4:**

Typography matters because reader attention is a very limited resource. If you aren't able to properly grab and maintain the readers attention, you will lose it. This can be very problematic if you are righting something that is important, especially if the writing has information that may be needed to keep people safe. Without proper Typography you may also misguide the readers attention and cause them to skip over important details. Furthermore, bad typography can be distracting and cause the reader to focus more on the act of reading than on the message of your writing.