CS.4310 HW1

Q1. Conduct a research and give the top five most popular operating systems of the  
world. Justify your answer and explain why they are the most popular

**Answer - The five most popular operating systems are Windows, MacOS, Android, iOS, and Linux. This is by account of their respective market share and users which is 72.2% for Windows, 14.7% for MacOS, and 4.45% for Linux regarding desktop applications. For mobile applications, Android makes up about 70.9% and iOS is 28.4% of market share. Colloquially, we can see the widespread adoption of these operating systems in our everyday lives and looking at the world around us. The majority of our phones, desktops, and interfaces run one of these five OSes.**

Q2. Which of the following instructions should be allowed only in kernel mode?  
(a) Disable all interrupts.  
(b) Change the time-of-day clock.  
(c) Read the time-of-day clock.  
(d) Clear the memory.

**Answer – A) Disable all interrupts**