Assignment Week 4

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1) Segmentation makes the memory addressing in a program
   - program-dependent
   - program-independent

   Accepted Answers:
   program-independent

2) The global variables that you declare while writing a computer program is allocated space in
   - Code Segment
   - Data Segment
   - Extra Segment
   - Secondary Memory

   Accepted Answers:
   Data Segment

3) Size of memory that has to be allocated to the program is decided by
   - Operating system
   - Compiler
   - Interpreter
   - Memory unit

   Accepted Answers:
   Operating system

4) malloc is function provided by
   - compiler
   - programming language
   - memory unit
   - operating system

   Accepted Answers:
   operating system
5) Fragmentation is the state when
   - There is not enough space in memory to be allocated
   - The operating system is not admitting any new processes
   - There is not enough contiguous space in memory
   - The memory is reading the wrong segment

Accepted Answers:
operating system

1 point

6) Degree of multi-programming is
   - number of processors in the computer
   - number of programs that is being executed concurrently
   - number of memory units
   - number of CPUS

Accepted Answers:
There is not enough contiguous space in memory

1 point

7) An LGDT instruction can be run by which of the following privilege levels?
   - PL-0
   - PL-1
   - PL-2
   - PL-3

Accepted Answers:
PL-0

1 point

8) Process Control Block(PCB) in Operating Systems terminology is also known as
   - Global Descriptor Table
   - LGDT
   - Segment Descriptor Table
   - TSS

Accepted Answers:
TSS

1 point