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Courses » Computer Organization and Architecture

Announcements **Course** Forum Progress Mentor

Unit 5 - Week 4

Course outline

How to access the portal

Week 1

Week 2

Week 3

Week 4

- Lecture 10 - Instruction Set Architecture (Continued)
- Lecture 11 Part 1 - Lab 2 : Segmentation
- Lecture 11 Part 2 - Lab 2 : Segmentation
- Lecture 11 Part 3 - Lab 2 : Segmentation
- Lab Exercise -2
- Quiz : Assignment Week 4
- Feedback for week 4
- Week 4 Assignment Solutions

Week 5

Week 6

Week 7

Week 8

Week 9

Week 10

Assignment Week 4

Week 4

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

Accepted Answers:
program-independent

- 2) The global variables that you declare while writing a computer program is allocated space in **1 point**
- 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 **1 point**
- Operating system
 - Compiler
 - Interpreter
 - Memory unit

Accepted Answers:
Operating system

- 4) malloc is function provided by **1 point**
- compiler
 - programming language
 - memory unit
 - operating system

Week 11

Week 12

Accepted Answers:*operating system*

5) Fragmentation is the state when

1 point

- 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:*There is not enough contiguous space in memory*

6) Degree of multi-programming is

1 point

- number of processors in the computer
- number of programs that is being executed concurrently
- number of memory units
- number of CPUS

Accepted Answers:*number of programs that is being executed concurrently*

7) An LGDT instruction can be run by which of the following privilege levels?

1 point

- PL-0
- PL-1
- PL-2
- PL-3

Accepted Answers:*PL-0*

8) Process Control Block(PCB) in Operating Systems terminology is also known as

1 point

- Global Descriptor Table
- LGDT
- Segment Descriptor Table
- TSS

Accepted Answers:*TSS*Previous PageEnd

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