



SYS & NET I - 0498 COP4634 201308

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Quiz Submissions - Homework 4 ▾

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Attempt 1

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Submission View

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Question 1

2 / 2 points

The virtual address space of a process is 1 GB large. Assume that the size of a page size is 4KB. What is the maximum size of a page table in memory if each page table entry requires 4 bytes? Give the answer in KB.

Answer: 1024 ✓

Question 2

1 / 1 point

What is the physical addresses for the virtual address 500?

Answer: 4596 ✓

Question 3

1 / 1 point

What is the physical addresses for the virtual address 6048?

Answer: 14240 ✓

Question 4

1 / 1 point

What is the physical addresses for the virtual address 15100?

Answer: PF ✓

Question 5

1 / 1 point

What is the physical addresses for the virtual address 8400?

Answer: 32976 ✓

Question 6

2 / 2 points

Assuming demand paging, how many page faults does the execution of the process generate using a First-In First-Out replacement algorithm?

Answer: 13 ✓

Question 7

2 / 2 points

Assuming demand paging, how many page faults does the execution of the process generate using a Least Recently Used replacement algorithm?

Answer: 13 ✓

Attempt Score: 10 / 10

Overall Grade (highest attempt): 10 / 10

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