

ICS 431 Quiz #3

Quiz time is 15 minutes

ID: _____

Name: _____

1. Consider the following segment table:

Segment	Base	Length
0	21	600
1	230	14
2	990	100
3	137	580
4	192	96

What are the physical addresses for the following logical addresses?

- a. 0,430 _____
- b. 1,15 _____
- c. 2,500 _____
- d. 3,400 _____
- e. 4,112 _____

2. If the number of frames is 1000 and if we are using inverted page table architecture then,

- a. For 50 processes how many page tables is needed. _____
- b. Could the sum of the page table entries be more than 50,000? Why?