Assigment-7

Consider the following segment table (all numbers are in decimal):

Segment   Base     Limit

0               219     600

1               2300     14

2               90       100

3               1327     580

4               1952     96

What are the physical addresses for the following logical addresses?

a. 0, 430

A: 219 + 430 = 649, physical address is 649

b. 1, 10

A: 2300 + 10 = 2310, physical addresses is 2310

c. 2, 500

A: 500 > 100, out of limits, not a valid address

d. 3, 400

A: 1327 + 400 = 1727, physical addresses is 1727

e. 4, 112

A: 112 > 96, out of limits, not a valid address