

Q6

(a) Segment	Base	Length
0	219	600
1	2300	14
2	90	100
3	1327	580
4	1952	96

Given Logical Address

- segment, Logical Address
- (1) (0, 430)
 (1, 12)
 (2, 500)
 (3, 400)
 (4, 110)

~~sol~~ ~~430 < 600~~
 then ~~430 + 219~~
 = ~~649~~

12 >

sol $430 < 600$ (length)
 then, $430 + 219$ (Base)
 = 649

~~12 < 14~~ $12 < 14$
 then, ~~12 + 2300~~ $12 + 2300$
 = ~~2312~~ 2312

$500 < 100$
 then, $500 + 90 = 590$

$$400 < 580$$

$$\text{then, } 400 + 1327 \\ = 1727$$

$$110 < 96 = \text{Illegal.}$$

Segment, Physical Address.

0, 649

1, 2312

2, 59

3, 1727

4, Illegal.