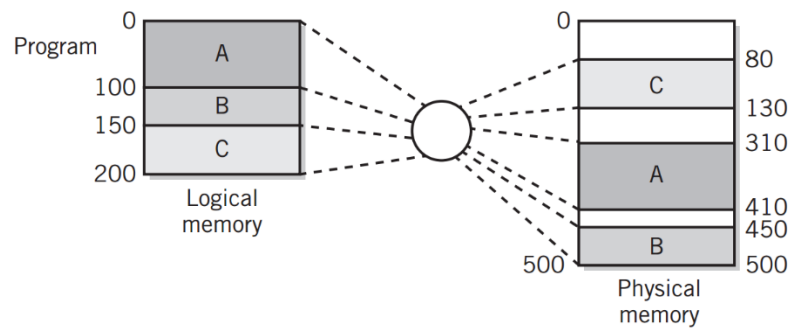


18.16 Create a page table that meets the translation requirements of Figure 18E.1. Assume a page size of 10.

**FIGURE 18E.1**



Page size = 10

Logical memory = 200

Logical page =  $200 / 10 = 20$

Physical page =  $500 / 10 = 50$

	logical	physical
A	0	30
	1	31
	2	32
	3	33
	4	34
	5	35
	6	36
	7	37
	8	38
	9	39
B	10	44
	11	45
	12	46
	13	47
	14	48
C	15	7
	16	8
	17	9
	18	10
	19	11

18.39 Explain the bootstrap procedure for a diskless workstation.

Execution begins with bootstrap loader.

Bootstrap loader locates operating system kernel program.

Loads it into RAM.

Transfers control to starting location of operating system program with a JMP instruction.