Reagan Landis CS 104 HW 1 Problem 4 Answers 4a) 11 rec (1,5) Lo in1=1, in2=5, in1-next=2 Lo in 1 = 5, in 2 = 2, in 1 → next = 6 lirec (a, 6) 45 in 1 = 2, in 2 = 6, in 1 >next=3 11rec (6, 3) Ly in 1=6, in 2=3, in 1 > rext=NUL lirec (3, NVLL) 4) in 1 = 3, in 2 = NULL, in 1 -) rext=4 return in 2 (return 3) in1-next=3 return in 1 (return 6) in1-next=6 return in 1 (return 2) (in) -> moxt = 2 return in 1 (return 5) return 1 142,3374 546 Returns 152634 46) In this case, in 1 15 null, so the first if statement immediately executes and returns in 2. As stated in the question, in 2 = 2. Thus, in 2 = 2 is the linked list that is returned.