

11	With the following data, hand-trace the execution of the bank-line simulation that this chapter describes. Each line of data contains an arrival time and a transaction time. Show the state of the queue and the event list at each step.													
Note that at time 14, there is a tie between the execution of an arrival event and a departure event.														
	currentTime	newEvent	bankQueue	eventListPQueue					tellerAvailable	comment				
	0	N/A	empty	A,5, 9	A, 7, 5	A,14, 5	A, 30, 5	A, 32, 5	A, 34, 5	TRUE	read data event file			
	5	5, 9	empty	A, 7, 5	A,14, 5	A, 30, 5	A, 32, 5	A, 34, 5	D,14,-	FALSE	proecessArrival			
	7	A, 7, 5	[A, 7, 5]	A,14, 5	A, 30, 5	A, 32, 5	A, 34, 5	D,14,-		FALSE				
	14	A,14, 5	[A, 7, 5] ,[A,14, 5]	A, 30, 5	A, 32, 5	A, 34, 5	D,14,-			FALSE				
	14	D,14,-	[A,14, 5]	A, 30, 5	A, 32, 5	A, 34, 5	D,19,-			FALSE	processDeparture			
	19	D,19,-	empty	A, 30, 5	A, 32, 5	A, 34, 5	D,24,-			FALSE	processDeparture			
	24	D,24,-	empty	A, 30, 5	A, 32, 5	A, 34, 5				TRUE	processDeparture			
	30	A, 30, 5	empty	A, 32, 5	A, 34, 5	D,35,-				FALSE	processArrival			
	32	A, 32, 5	[A, 32, 5]	A, 34, 5	D,35,-					FALSE	processArrival			
	34	A, 34, 5	[A, 32, 5], [A, 34, 5]	D,35,-						FALSE	processArrival			
	35	D,35,-	[A, 34, 5]	D, 40, -						FALSE	processDeparture			
	40	D, 40, -	empty	D,45,-						FALSE	processDeparture			
	45	D,45,-	empty	empty						TRUE	processDeparture			