

head = 7

	item	next
0		
1	45	3
2	31	1
3	52	4
4	63	5
5	71	8
6	26	2
7	15	9
8	79	-1
9	20	6

	item	next
0	////	7
1	45	3
2	31	1
3	52	4
4	63	5
5	71	8
6	26	2
7	15	9
8	79	-1
9	20	6

Dummy Node

avail = 1



	item	next
0	////	-1
1	?	2
2	?	3
3	?	4
4	?	5
5	?	6
6	?	7
7	?	8
8	?	9
9	?	-1

avail = 2



	item	next
0	////	1
1	45	-1
2	?	3
3	?	4
4	?	5
5	?	6
6	?	7
7	?	8
8	?	9
9	?	-1

Insert 45

avail = 4

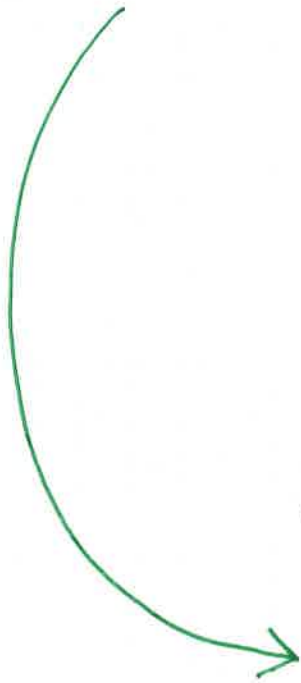


	item	next
0	1111	2
1	45	3
2	31	1
3	56	-1
4	?	5
5	?	6
6	?	7
7	?	8
8	?	9
9	?	-1

Insert 31

Insert 56

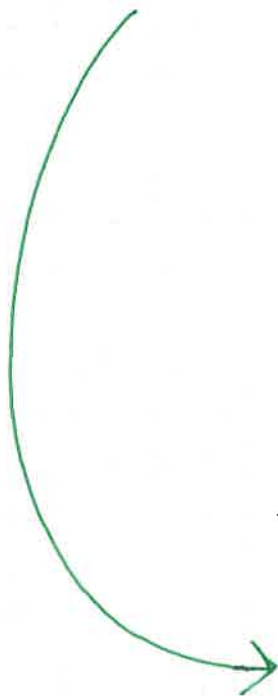
avail = 8



	item	next
0	1111	9
1	<del>45</del>	-1
2	<del>31</del>	1
3	52	-1
4	<del>63</del>	2
5	<del>71</del>	4
6	26	3
7	<del>15</del>	5
8	<del>79</del>	7
9	20	6

Delete 45  
Delete 31  
Delete 63  
Delete 71  
Delete 15  
Delete 79

avail = 8



	item	next
0	////	9
1		-1
2		1
3	52	-1
4		2
5		4
6	26	3
7		5
8		7
9	20	6

avail = 7



	item	next
0	///	8
1		-1
2		1
3	52	-1
4		2
5		4
6	26	3
7		5
8	14	9
9	20	6

Insert 14