There are 3 cases in this method

- 1. Insertion of a node may add at the begin (hptr)
- 2. Insertion of a node may add at the end (last->next)
- 3. Insertion of a node may add at the middle

If you enter 1st student record

hptr

0

&hptr

hptr
O
A
name marks next
A

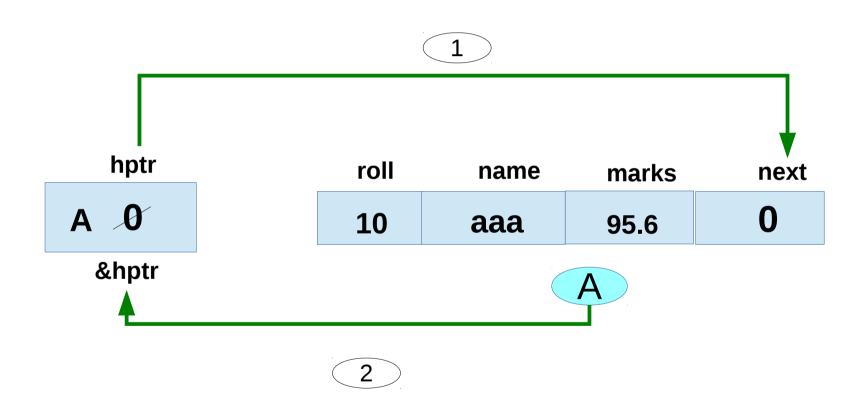
hptr

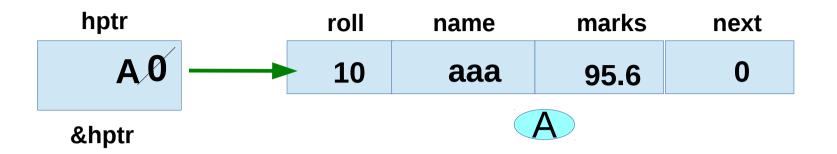
0

&hptr

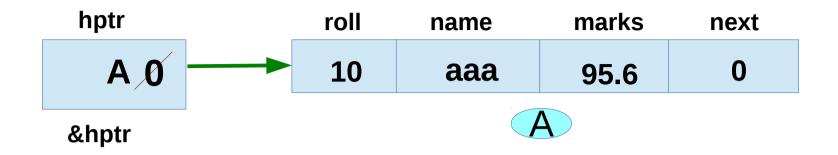
roll	name	marks	next
10	aaa	95.6	



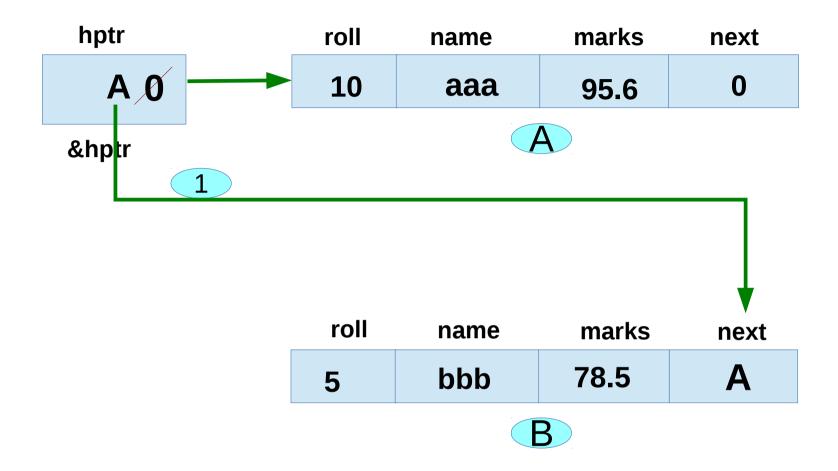


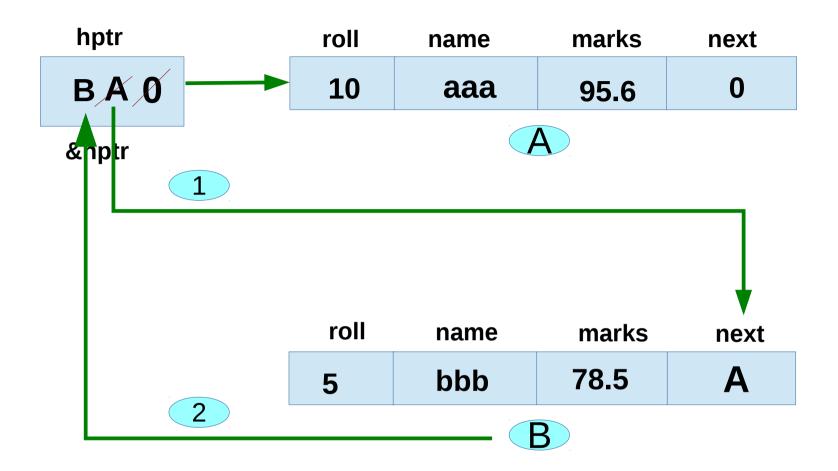


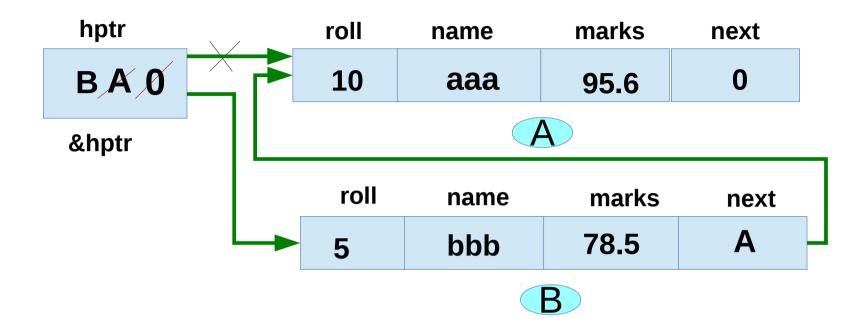
If you enter 2nd student record, and if that record roll number is smaller than the first record

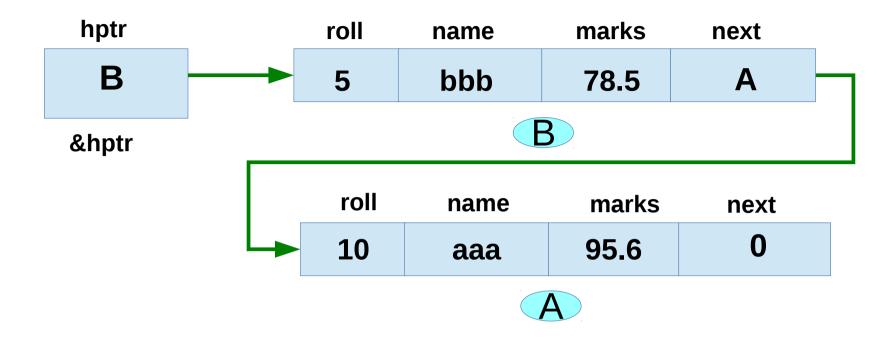


roll	name	marks	next			
5	bbb	78.5				
В						

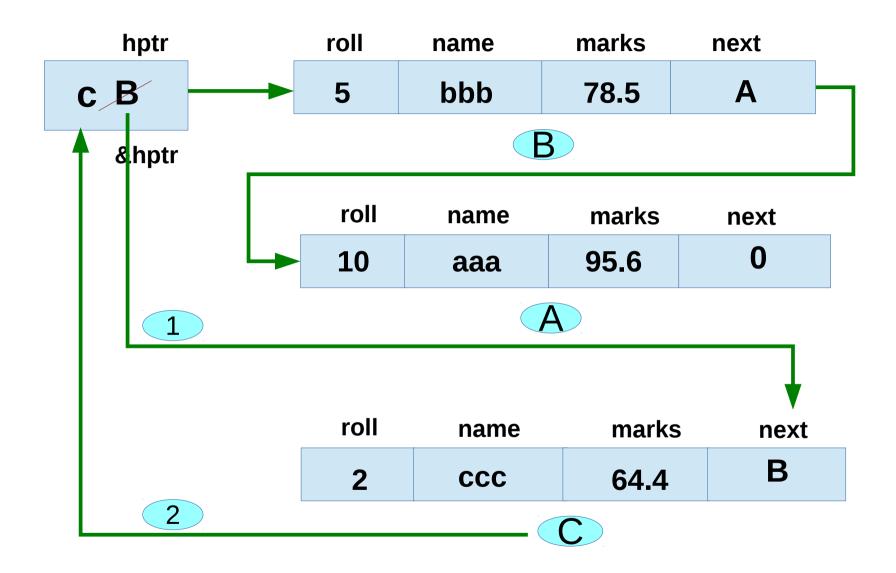


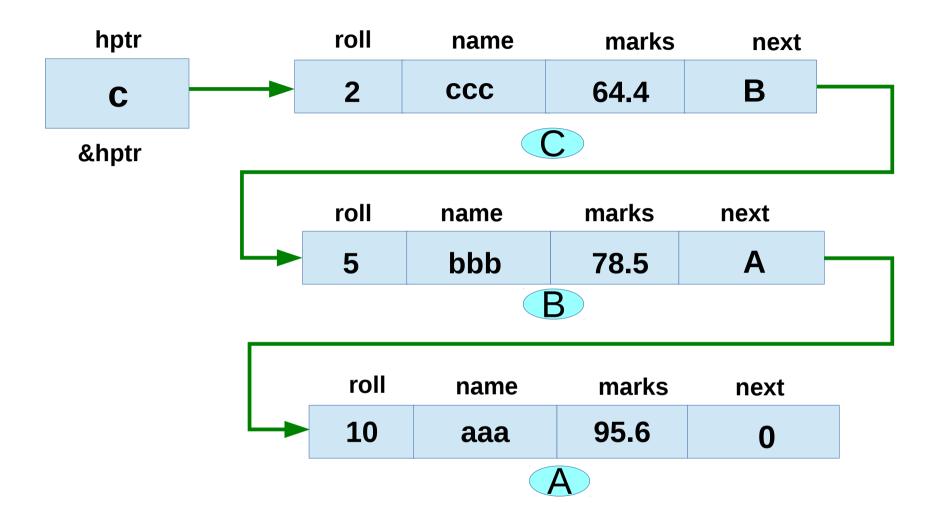




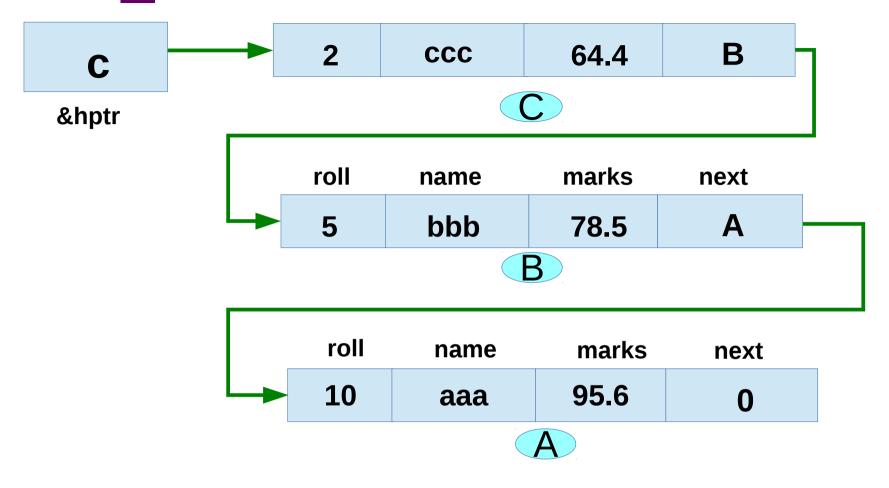


If you enter 3rd student record, even that is also smaller roll number when compared with the existing nodes

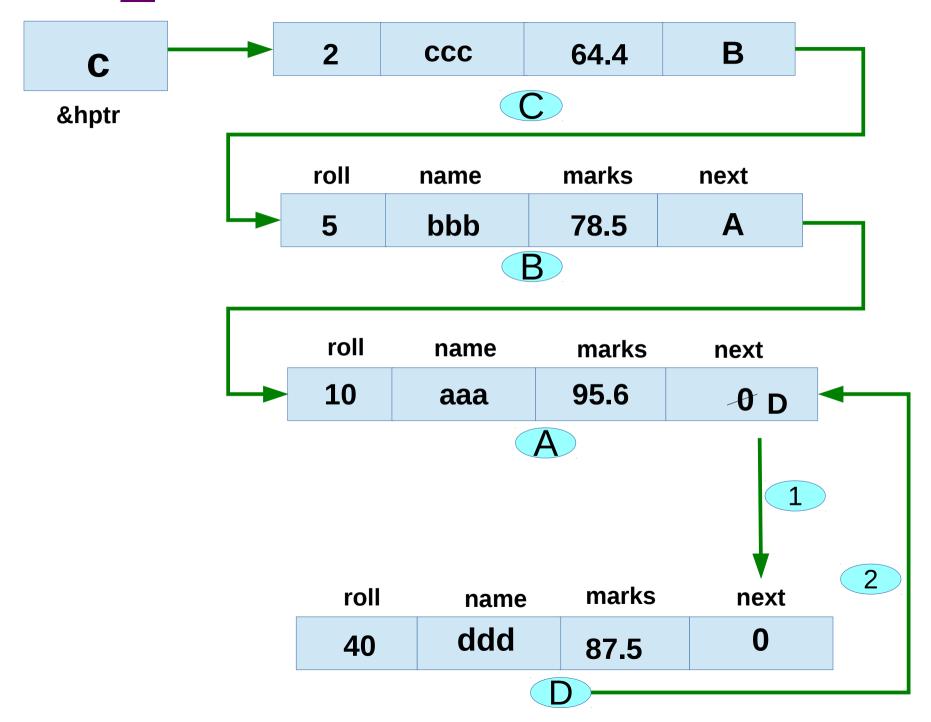


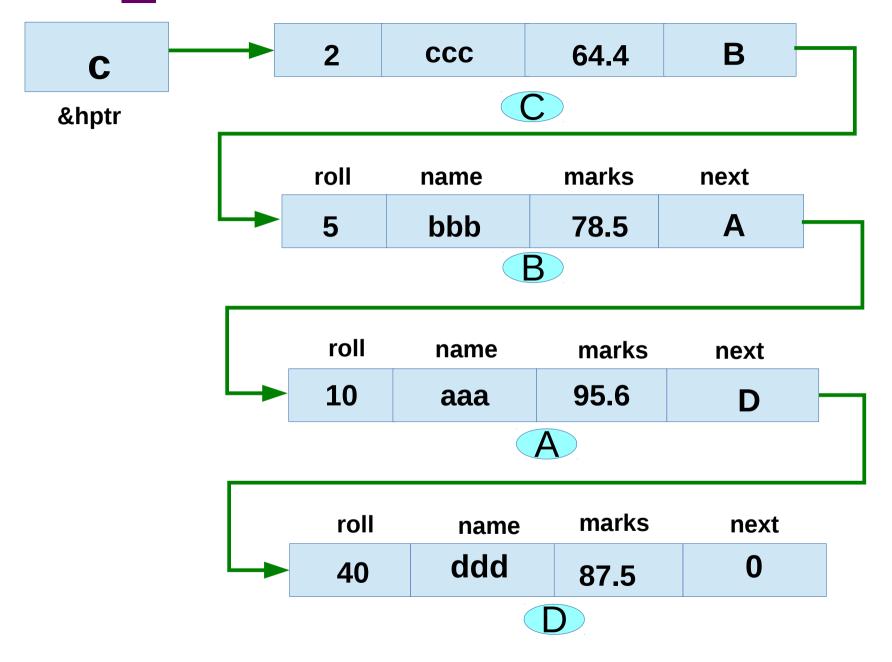


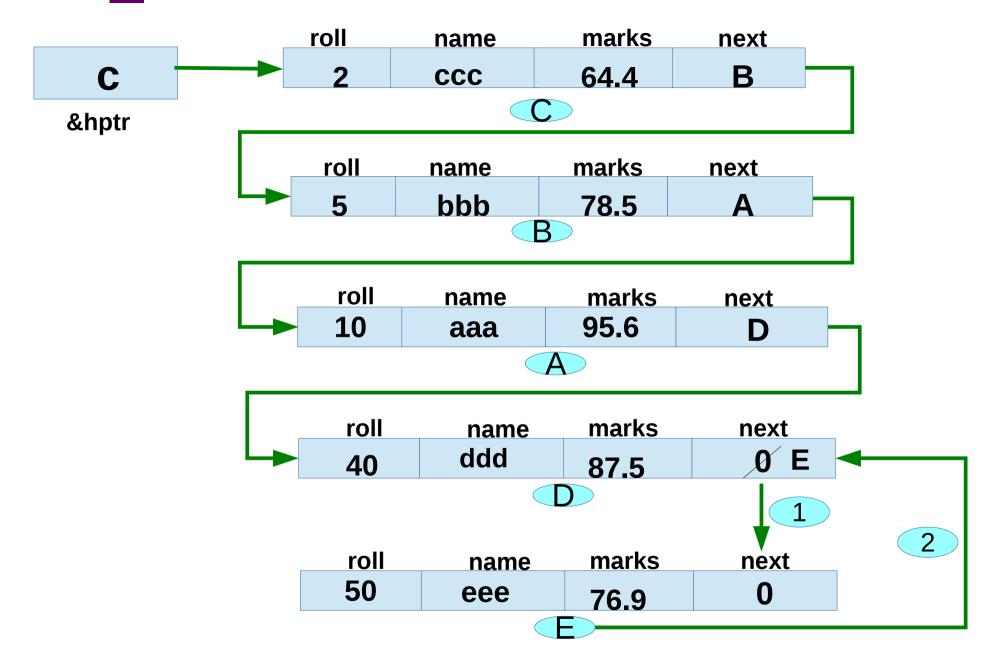
Now if you enter the records which are having greater roll number compared with the all other records roll number

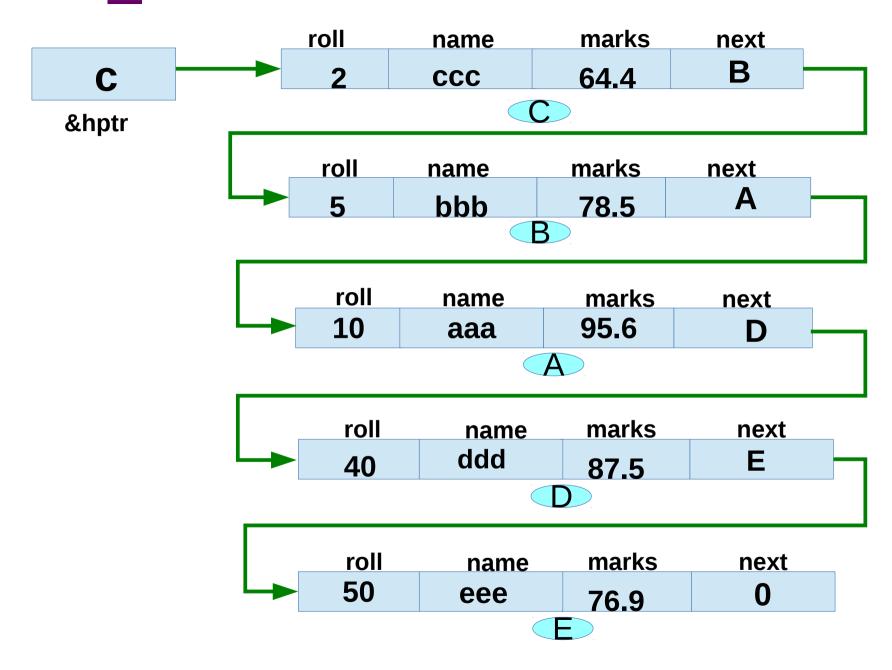


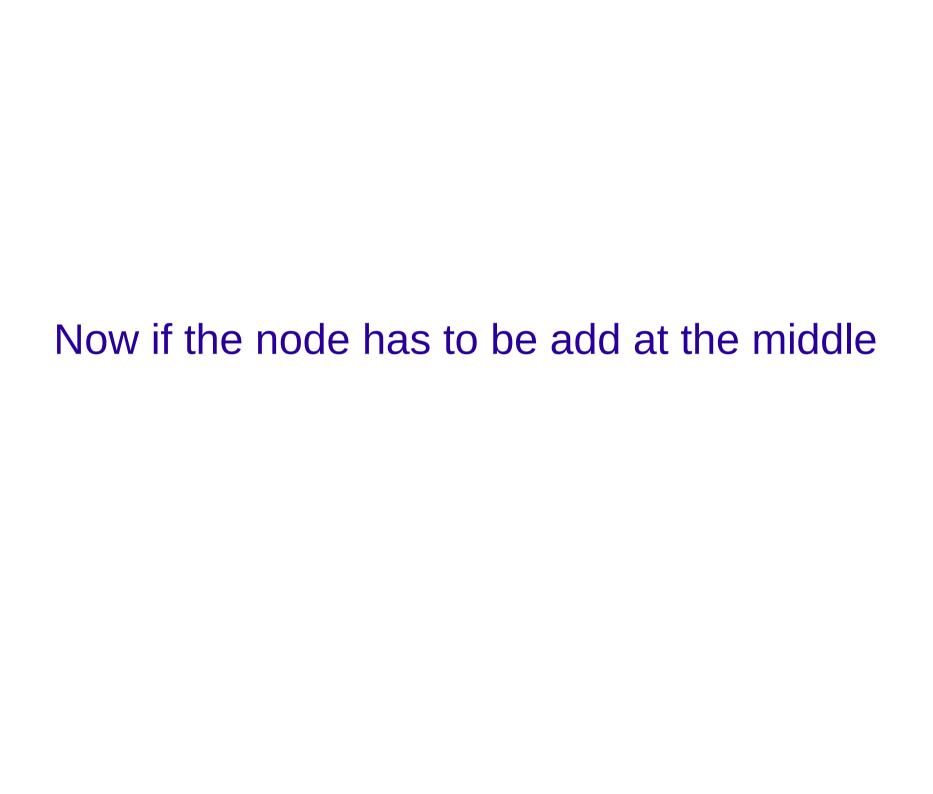
roll	name	marks	next			
40	ddd	87.5				

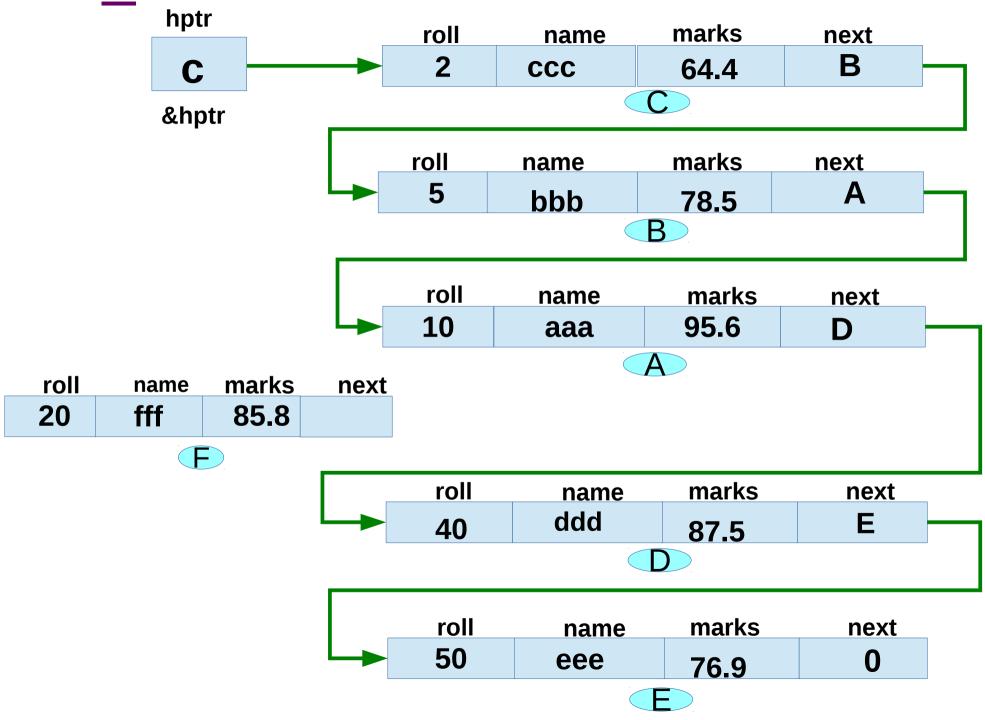


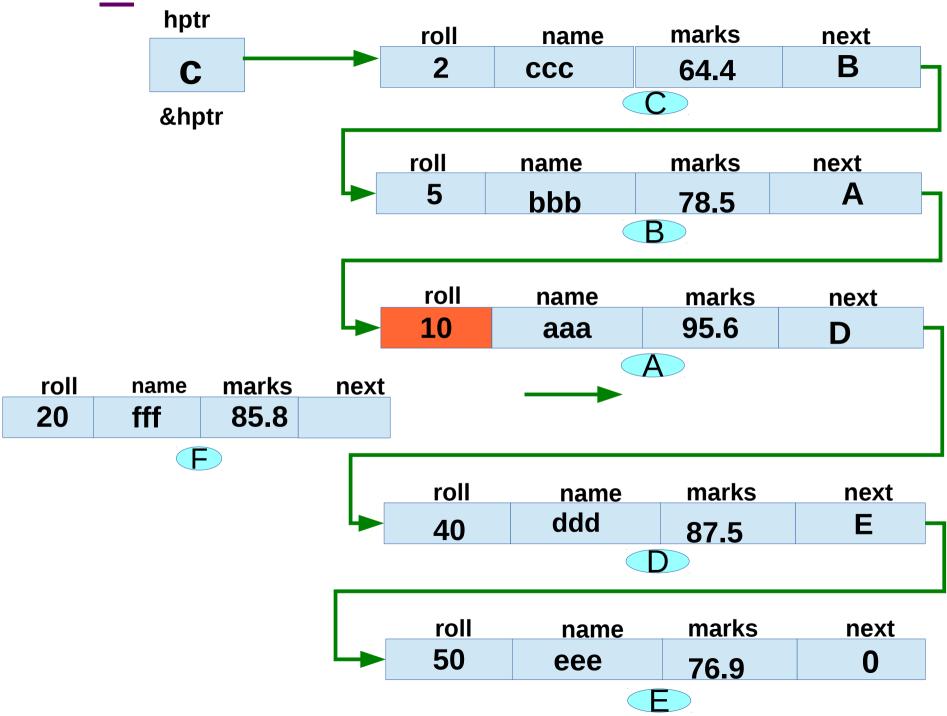


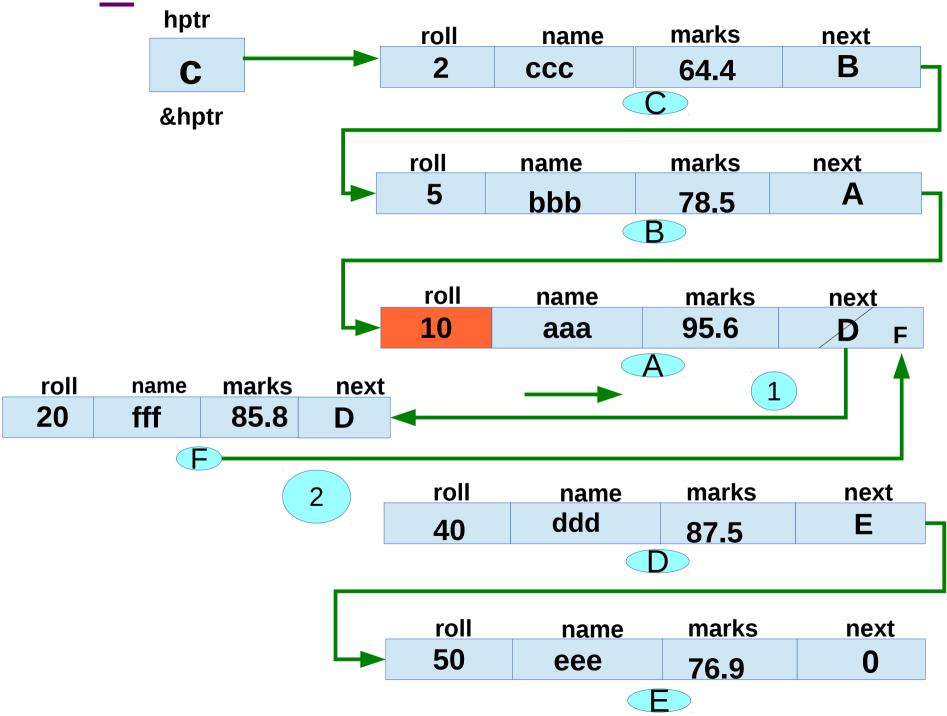


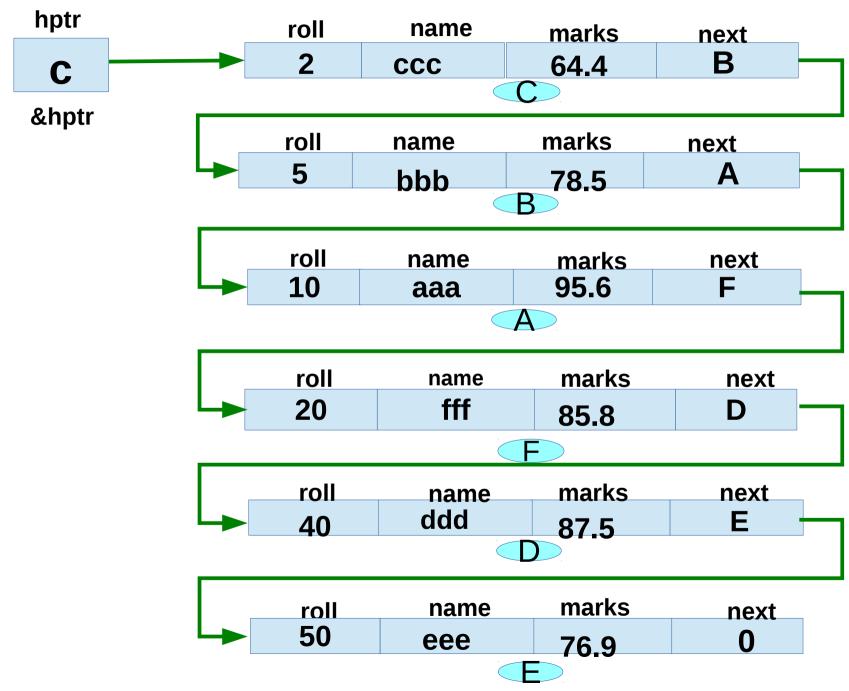












Printing the records

