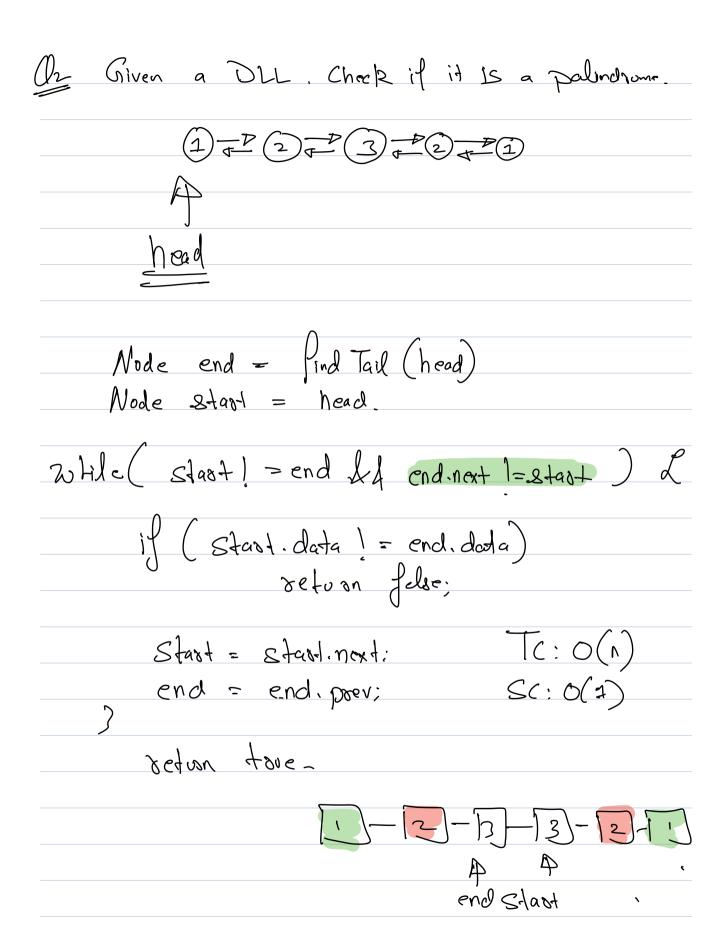
```
Node merge (Node head 1), Node head 2) L
    Node dummy = new Node (-1);
Node temp = dummy;
    int i=0;
    while (head 2) = null) L
        if (1% 2==0) &
              temp.next = head 1;
              headle = head 1 next;
              temp = temp. next;
       I clac L
            temp.next = head2;
             head 2 = head 2. next;
             temp = temp-next;
       3
       : ++1
      (head 1! = null) }
        temp. next = head 1;
        head = head I next;
        temp - temp-next;
 dummy = dummy. next;
return dummy;
```

O1 Given a reference to a node. Delete H.
Exi 0-t000 F 0-t0-t0  head del femp.next=dd.next FO(n)  del.next=null  temp free(dd); 0-t0-t0
As ael.
Oz Given a pointer to a node. Insert a newnode before it.
CUTY  new CUTY  Node  Node
Again traverse and find 1 node before curs. Tc:0(n)
Common Pao Dem 1
Carit more Darbwords!

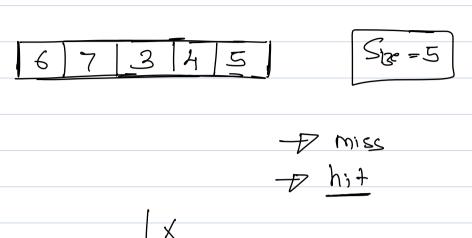
Node with a Doer de crence D next Class Node L int data; Node next; Node prev; Doubly linked list Doul

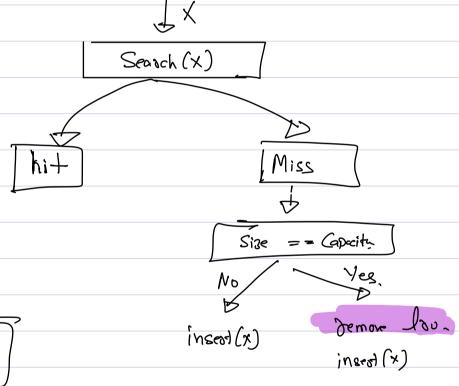
O1 Given a	reference to a node. 2	sclate 11.
		72020
	le (Node del, l = = null) eturn head;	Node head) L
if (del head	== heod) = del.next;	Tc:0(i) Sc:0(i)
	$prev!=null) \mathcal{L}$ $ev.next = del.next$ $ext! = null) \mathcal{L}$	
del. next.  3 del. pr	prev = del. prev sev = null //	delete (del)
Jedowy ye	でしょ	



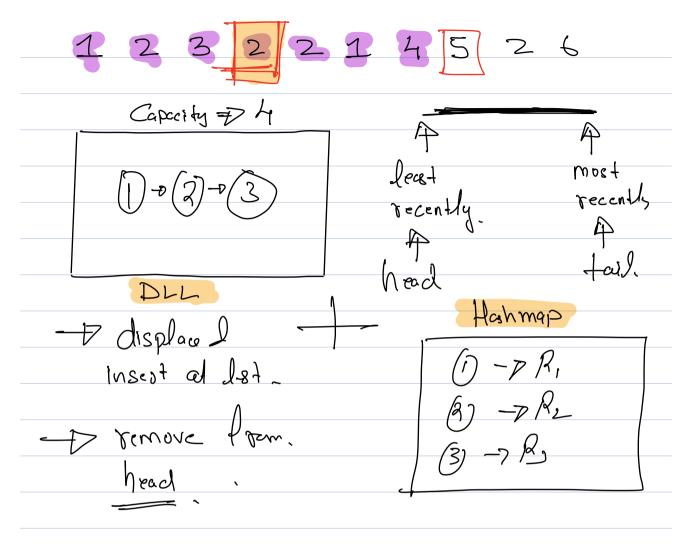
03	Glven	a	pointer	40	a	node.	Insert	before
	the	given	n de	•				
		U						
Exi		() <del>[</del> -	7		, <u>=</u>	<b>₽</b>	070	
	•		A				A	户
	080	ewNode	CUTY				new Node	Call
							7000 €	•
							Ton	
							lopo	
						•		

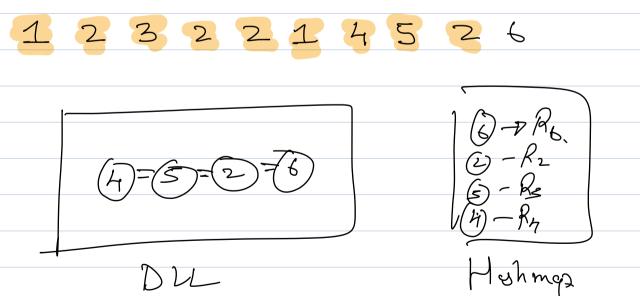
## CACHE 1,2,3,3,4,5,6,7





10:30

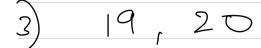


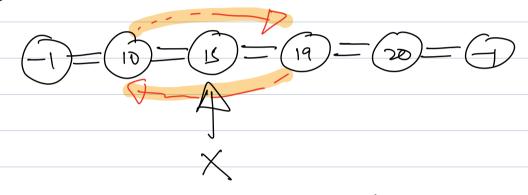


## 10 15 19 20 15 18 23 20 19 17 17

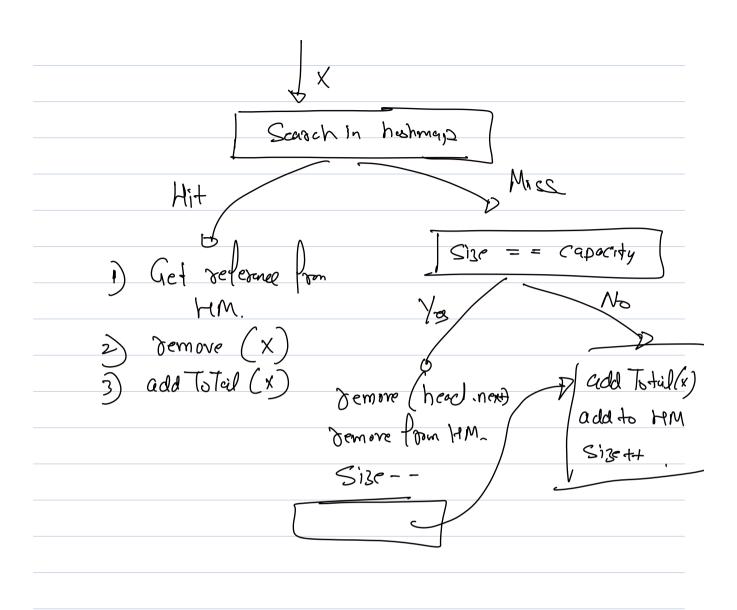


head 
$$(-1)$$
  $\Rightarrow$   $(-1)$   $\Rightarrow$   $(-1)$ 





$$X. prev. next = x. next$$
  
 $X. next. prev = x. prev$   
add to Tail (x)



Q Given two earded linked list . Merge them
Q Given two earded linked list. Merge them into a single earded LL!
(3)-+(8)-+(10)-+(4)-+(20)-+NULL
12 7 (6) -7 (1) -7 (12) -7 NUZL
2-73-76-78-70-70-70-70-70-70-70-70-70-70-70-70-70-



Merge Soot in linked liet								
	Gluen							
Arg	(	4)—t	8 _	≠(3)-	t (1)-i	p (b)-p	7	