

$$\checkmark \text{ mul } (10^3)$$

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$$\begin{array}{|c|c|c|c|c|} \hline 0 & 0 & 0 & 0 & 0 \\ \hline 0 & 1 & 2 & 3 & 4 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|c|} \hline 0 & 0 & 0 & 0 & 1 \\ \hline 0 & 1 & 2 & 3 & 4 \\ \hline \end{array}$$

$$\text{Ans } 14$$

$$\begin{array}{|c|c|c|c|} \hline 0 & 0 & 0 & 1 \\ \hline \end{array}$$

testan \leftarrow end

(14)

$$\begin{array}{r} 1 \\ \times 23 \\ \hline 23 \end{array}$$

$$\begin{array}{r} 14 \\ \times 23 \\ \hline 23 \end{array}$$

$$-14$$

$$1 = 0$$

$$\begin{array}{r} x^4 + 2x^3 \\ - x^4 \\ \hline 2x^3 \\ x^4 + 2x^3 \\ - x^4 - 2x^3 \\ \hline -1x^4 \end{array}$$

$$\begin{array}{l} L1 \rightarrow \frac{2x^3}{1} + \frac{1x^2}{1} \\ L2 \rightarrow \frac{3x^3}{1} \end{array}$$

$$-1x^3 + 1x^2$$

$$-13$$

$$12$$

```

int a[] = new int[10001];
int b[] = new int[10001];
while(p1!=null) {
    a[p1.pow] = p1.coeff;
    p1 = p1.next;
}

```

```

while(p2!=null) {
    b[p2.pow] = p2.coeff;
    p2 = p2.next;
}

```

```

Node head = null;
Node temp = null;
for(int i = 10000; i >= 0; i--) {
    int val = a[i] - b[i];
}

```

```

if(val != 0) {
    if(head == null) {
        head = new Node(val, i);
        temp = head;
    }
    else {
        temp.next = new Node(val, i);
        temp = temp.next;
    }
}
}

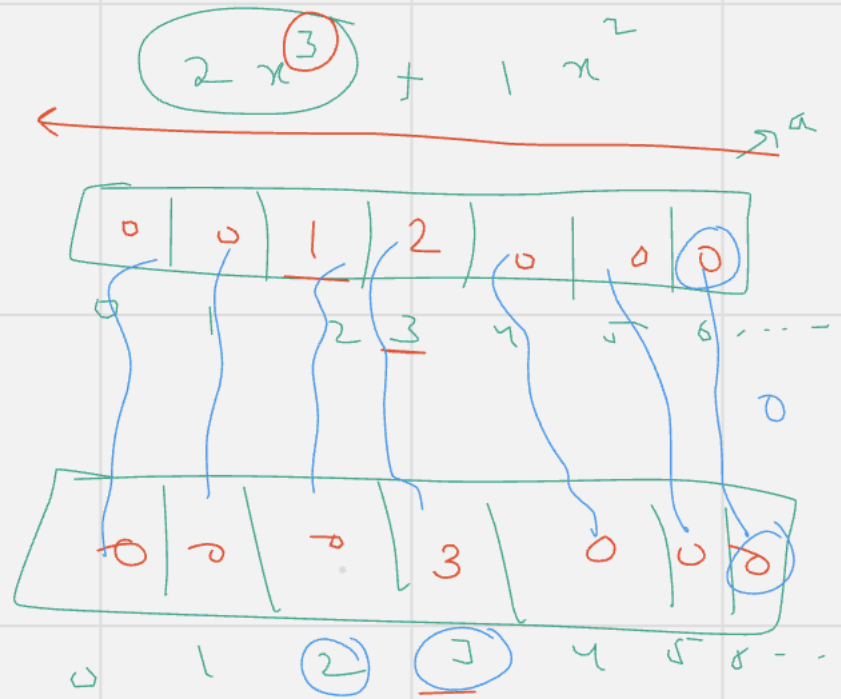
```

```

return head;

```

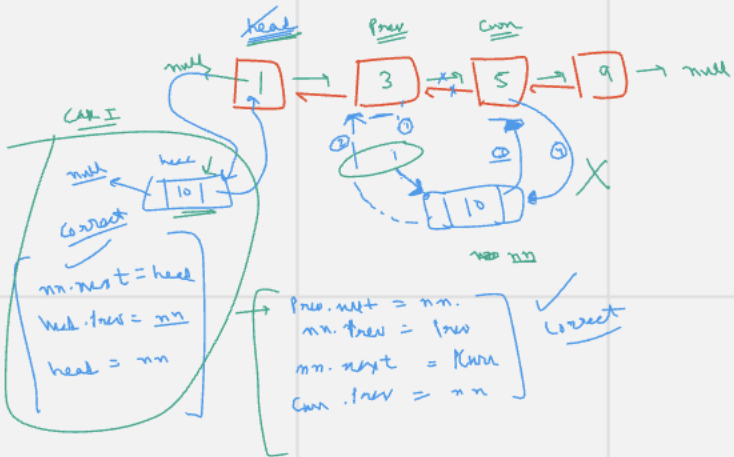
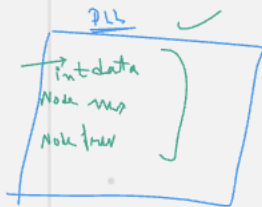
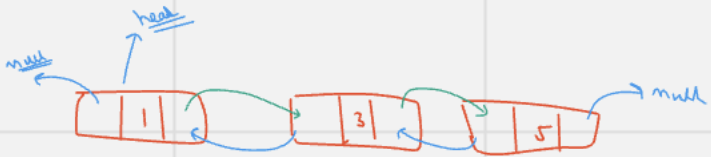
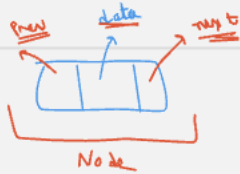
$$\begin{array}{r}
 \rightarrow 2 \\
 \underline{23} \\
 12 \\
 \hline
 1 \\
 33
 \end{array}$$

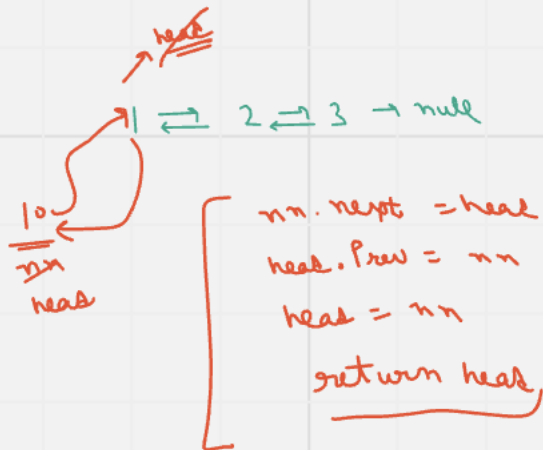


$$\begin{array}{r}
 -1 \quad 3 \\
 \hline
 1 \quad 2
 \end{array}$$

Ans

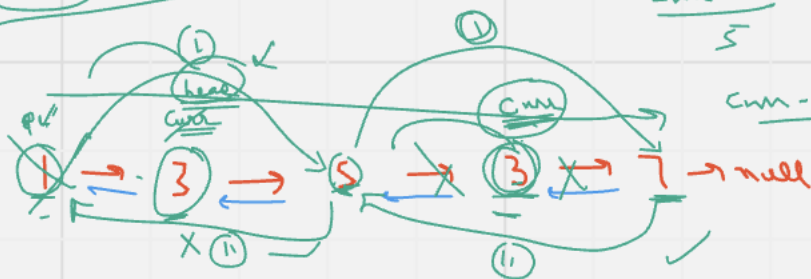
Doubly LL





Cur \rightarrow head
 $\text{head} = \text{cur.next}$

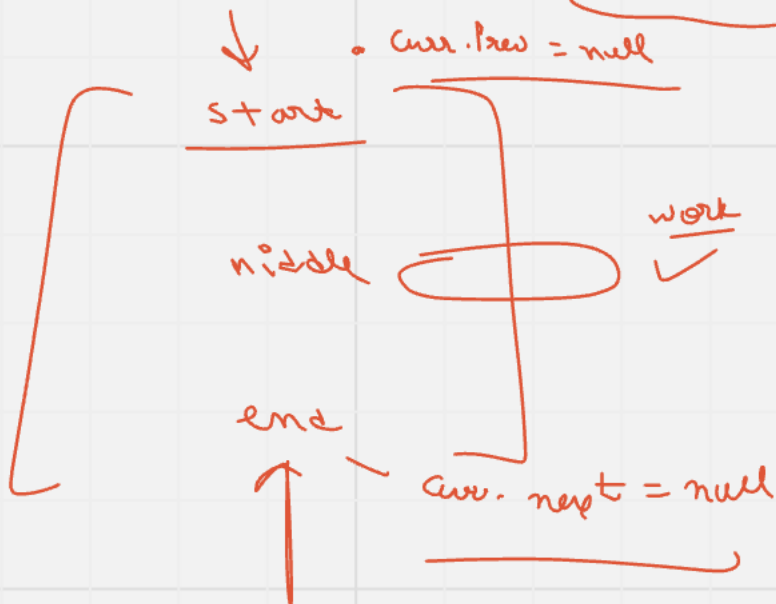
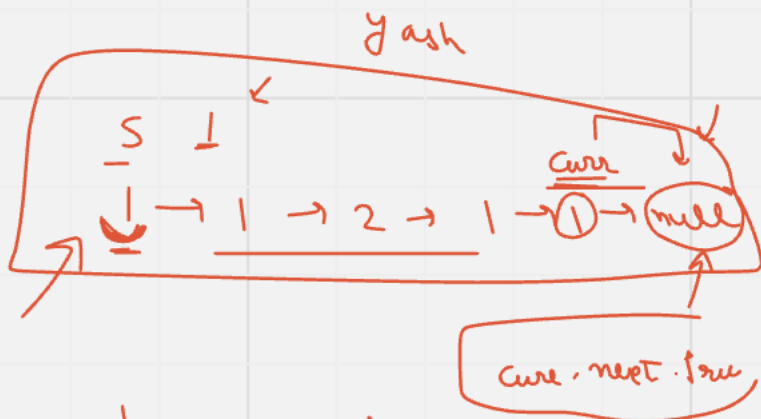
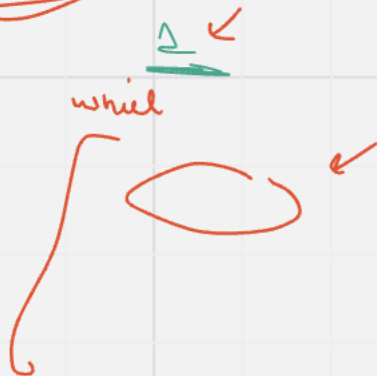
$\frac{\text{Cur.prev.next} = \text{Cur.next}}{5}$



$\frac{\text{Cur.next.prev} = \text{Cur.prev}}{5}$

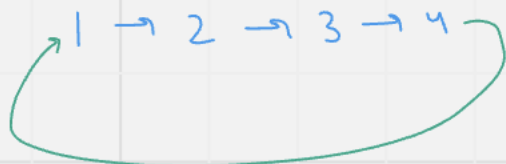
Delete Node 3

I $\frac{\text{Cur.prev.next} = \text{Cur.next}}{\text{Cur.next.prev} = \text{Cur.prev}}$



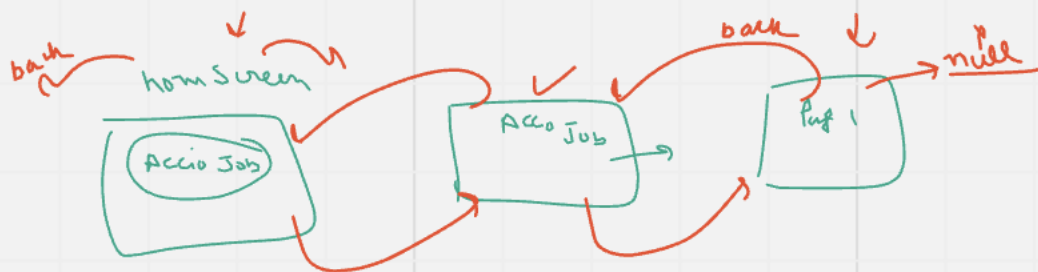
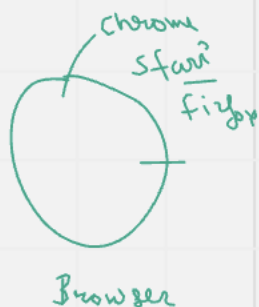
C1

circular LL

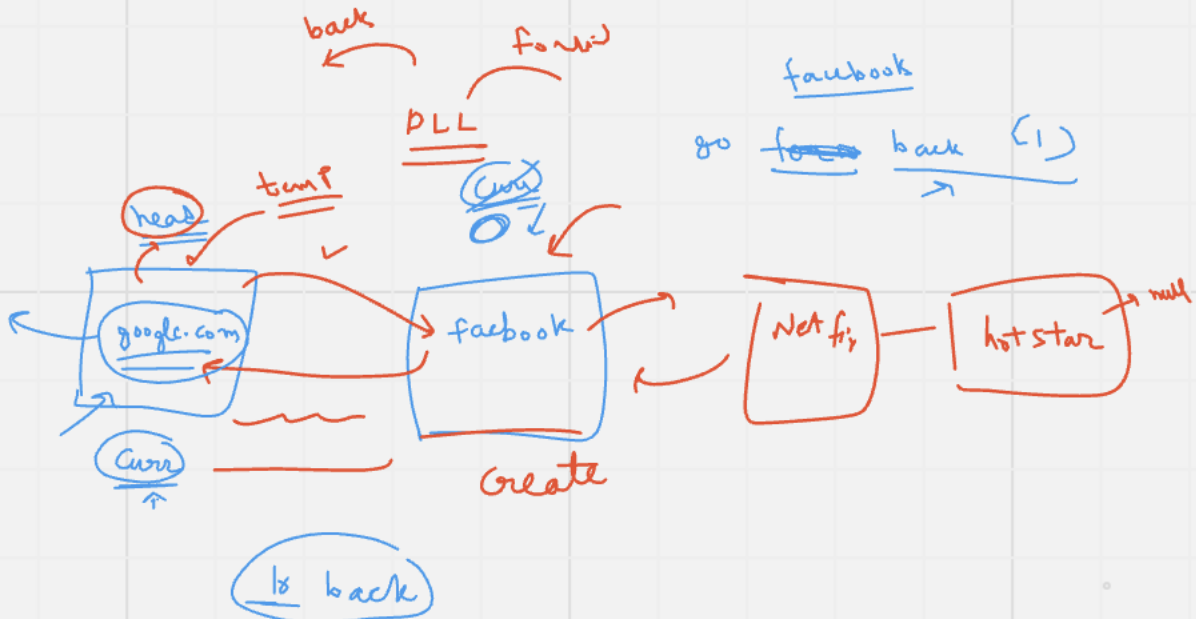
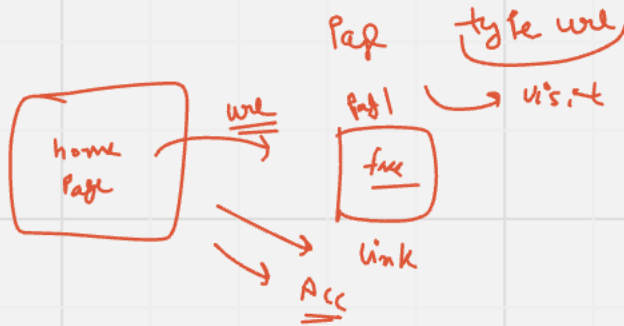


circular LL

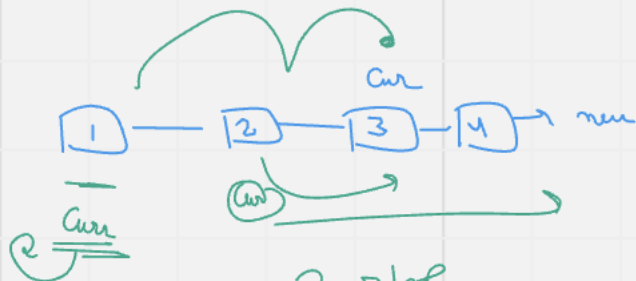
Break 15 minutes



BrowserHistory(string homepage) - Initialize the object starting at homepage
void visit(string url) - Visit url from page. All forward history is erased.
string back(int steps) - Move steps back in history. If you can only go back x steps in history and steps > x, you will only return x steps.
string forward(int steps) - Moves steps forward in history. If you can only move forward x steps and steps > x, you will only move forward x steps.



2 back



2 step

1 step

