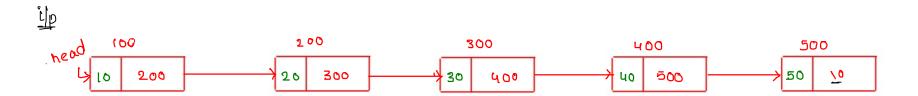
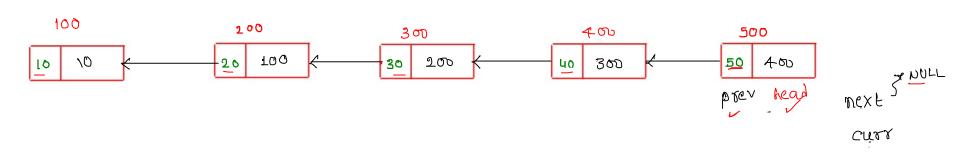
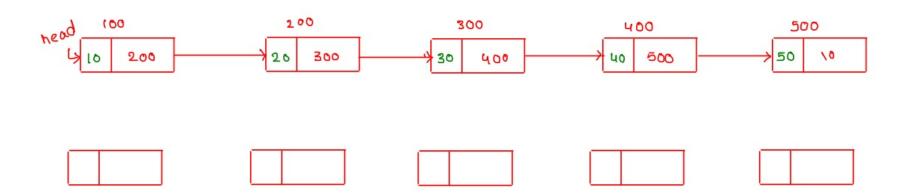
6) Reverse a SLL [Accolite, Adobe, Amazon, MakeMyTrip, Qualcomm, Samsung, SAP Labs, Snapdeal, Zoho]



$$0/p; - 50 \longrightarrow 40 \longrightarrow 30 \longrightarrow 20 \longrightarrow 10$$





•

```
function reverseSLL(head)
    prev=null
     /curr=head
     _next=null
     "while(curr!=null)
        next=curr.next
        2. curr next=prev
        prev=curr
        w curr=next
      head=prev
      return head
```

7) Remove duplicates from sorted list [Adobe, Myntra, Visa]

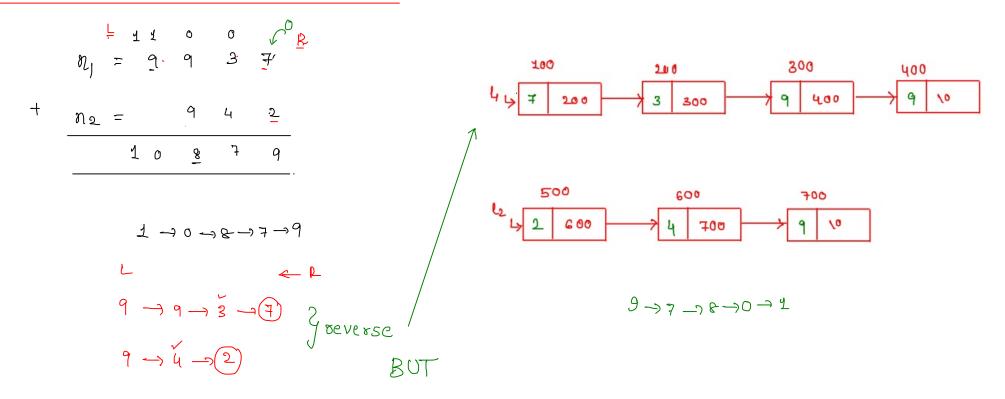


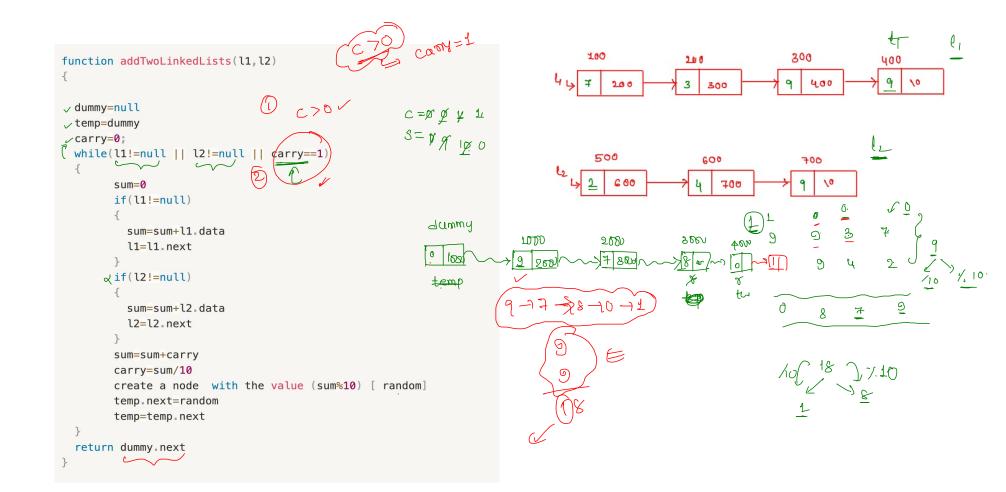


Jar-ann

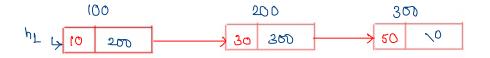
```
function removeDuplicates(head)
      temp=head, prev=head
      while(temp!=null)
              if(temp.data!=prev.data)
                    prev next=temp
                    prev=temp
              temp=temp_next
      if(prev!=temp)
          prev next=null
      return head
```

9) Add two numbers represented by SLL [Accolite, Amazon, Flipkart, Snapdeal, Microsoft, Qualcomm]

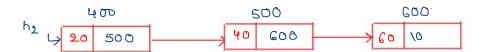


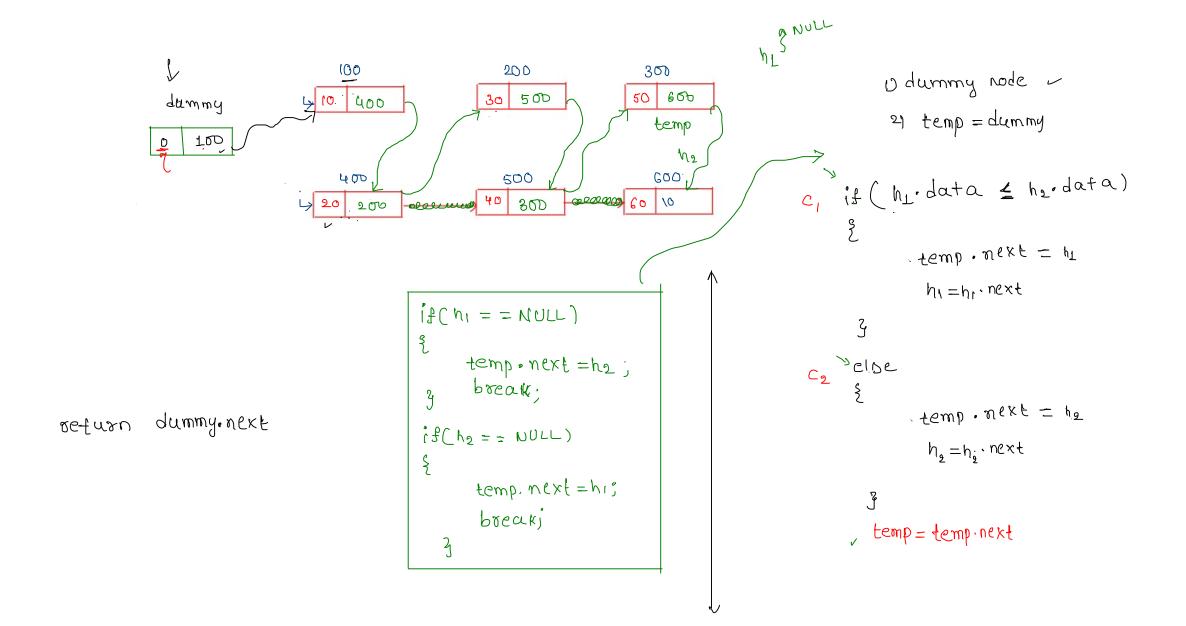


Merge two sorted Linked Lists









$$\frac{10}{10} \rightarrow \frac{30}{35} \rightarrow \frac{31}{39}$$

hz

```
while (true)

E

D dummy rode

21 temp = dummy
```

```
if (hi = = NULL)

{

temp. next = h2;

break;

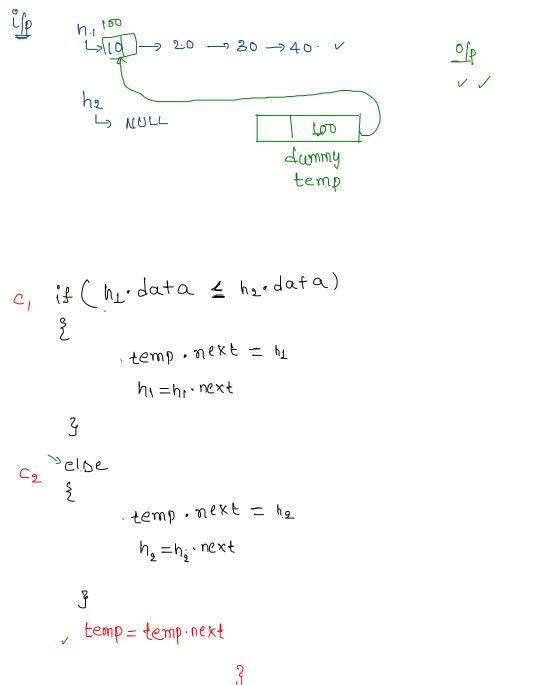
if (h2 = = NULL)

{

temp. next = hi;

break;

}
```



refuso dummy. next j

```
Node merge(Node h_1, Node h_2)
       Node dummy=new Node(0);
Node temp=dummy;
        while(true) ∞ toop
                if(h1==null)
                         temp.next=h2;
                         break; ←
                if(h2==null)
                         temp.next=h1;
                         break; 🚣
              c<sub>1</sub>if(h1.data<=h2.data)
                         temp.next=h1;
                         h1=h1.next;
              <sub>C2</sub>else
                         temp.next=h2;
                         h2=h2.next;
                temp=temp.next; <
        return dummy.next; -
```

```
if(Expression1)
{
    variable = Expression2;
}
else
{
    variable = Expression3;
}
```

```
c = \underline{10};
c = \underline{10};
c = \underline{10};
c = \underline{12};
c = \underline{12};
```

