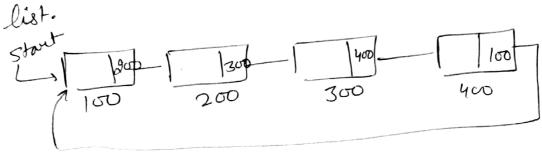
dechoe-19

Circular Unhed list

A line list whose last node points back to the first node instead of containing the null pointere is called a circular linead



Creation of circular list :-

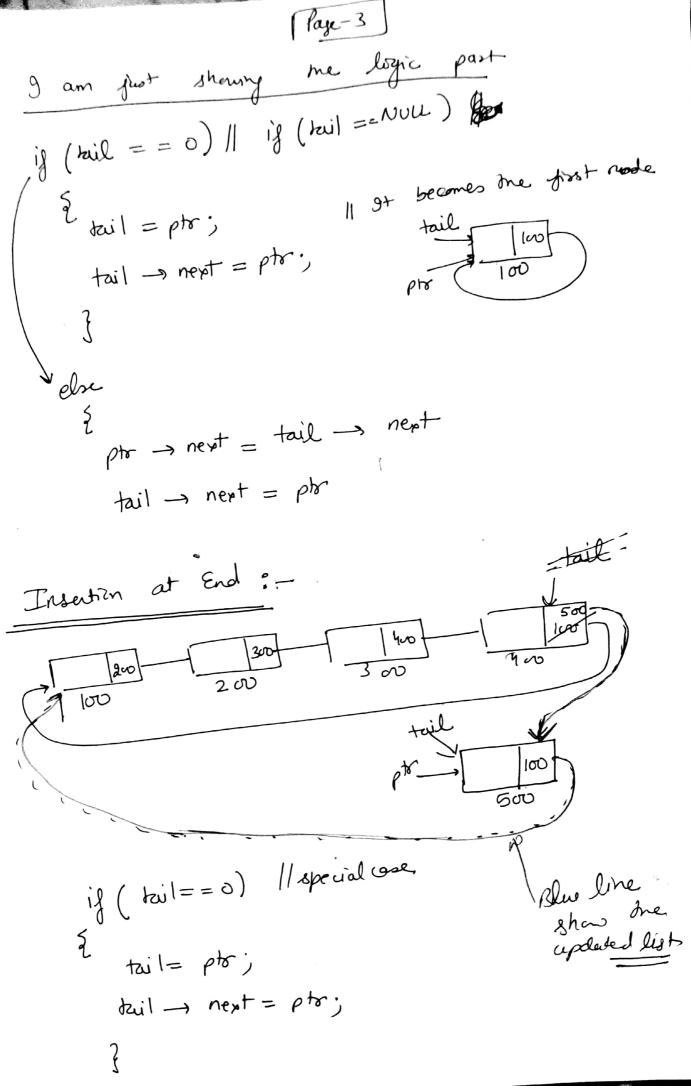
- · Follow one same step of creation as we did in single line list creation.
- . Just arrign one address of first rule to me link of last rule ie say when we deale me last node by a pomber say temp men after. Inste an additional start as temp -> next = Stast;

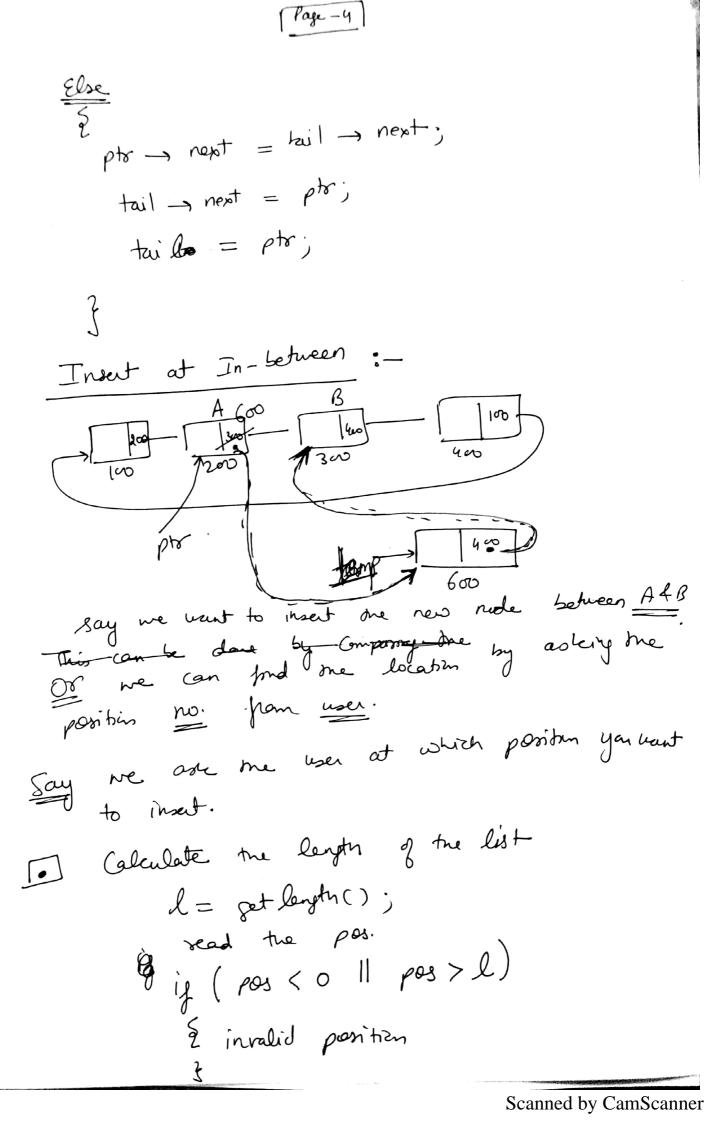
For Traversity of list: -

display () while (temp -> next |= start) | Here if we worked

\$ temp |= st temp | = shot will be false for me first time itself print ("1.d", temp -> data); temp = temp - next; ponity ("1.d", temp -> data); Il to point me data of muster At Beginning: We want to insert onis new node at me Beginning. Instead of Start pointer we are Considering a Tail pointer pointing at last mode to note is holding me address of last mode

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```
Page 5
else if (pos == 1)
     ? insert at Beginning
temp = () mello((); || cueate a new rende
  ptr = tail -> next; Il initialize a pointer
Now ptr is at
fixt nede
while (i < pos-1)
   pto = pto -> next; Il update pto
 temp - next = ptr - next;
    pto -> next = temp;
```