

void sort () of unt flag, i; no struct node + ptrly + ptr = NULL if Chead == NULL) I prent "List is Empty" the ordinary \$ do of flag=Oi pto 1= head while (ntel-) next = rtn) fil (ptil)data) ptrl) next > data) of swap (ptrl, ptal) noct) poter = pte 1 - next & pte = port1 } while (flag == 1) prient "Swapped" void swap (node & a, node & b) f int Temp = a>data a > data = b > data b-> data = temp

Stact implementation

Voice youch (skulet noble/x)

word push ()

revende > clata = new item

new node ment head

head - nuo node

void Pop ()

of about node tota

if Chead == NULL)

pount "List is Empty"

f pitr = head

head = ptr > next

free (ptr)

print "Mode deleted"

```
Queu implementation
void Enqueue (Zitem)
g struct rade + ptry + tempe
  pln = (ubut node +) mallor ( sigeof (utrust node ));
 meti = stab Enty.
  JUN - tran E ety
 if (head=NULL)
of head = ptr ?
elle
  Jemp = head
   while (stempenest) - NUCC)
  Lemp = temp > reset
 temp > next = ptor
 void Doguene ()
  strud node * ptr
   if (head = = NULL)
   print "Linked List is Empty"
    ptr = head
     pto-head = pto- next
     free (ptr)
    print " Element deleted"
```