```
ASSIGNMENT-3
1
      void insert_any ()
          int data value, koy,
          prints (" Enter data of the node: ").
          scant ("Y.d", & data value),
           printt ("Enter data of the node after which
                 new node is to be inserted: ").
           scoint ("Y.d", & key)",
           temp = (struct node *) malloc (size ob (struct nodell)
         ptr = header
         while (ptr -> link ! = NULL &l ptr -> dada ! = Key )
         5
          ptr = ptr -> link',
          3
           it ( ptr -> dada == key )
           5
             temp -> dada = data_value;
             temp => link = ptr - link ,
             ptr_link = temp',
             etse
         void display (1
            print (" (ontents of linked list are: In");
              ptr = header;
              while (ptr -> link != NULL)
```

ptr = ptr -> link ',
print 6 ("Y.d", ptr -> data) ',

```
void delete-beg ()
        struct node * to Delete;
         it (head == NULL)
          printb ("List is already empty.").
        else
         5
           to Delete = head;
            head = head -> next',
           prints ("Data Deleted = y.d In", to Delete ->data);
           free (to Delete),
         printb (" First Node deleted in");
       3
(3)
    void deleterend ()
        struct node * to Delete, * second Last Node '
        if (head == NULL)
         print 6 (" list is already empty."):
        3
        else
        { to Delete = head ,
            secondlast Node = head;
            while (to Delete -> next! = NULL)
           E second last Node = to Belete ',
             to Delete = to Delete > next;
            ib ( to Delete == head)
           { head= NULL ; }
           else
             { second last Node > next = NULLA
```