```
DAYANAND
Hinclude 25tdio.h7
                                                     1BM 19 CS043
# include Lstdlib.h>
                                                    20-11-2020
   Struct node
      int data;
      Struct node *next;
  9;
      struct mode * head=NULL;
       yoid display();
       Void delfun();
       void inscrt();
        int main ()
     int ch, de;
        do
       { Printf [" \n 1. Create & insert \n 2. Display \n 3. Delete \n 4. Exit
         pointf("\n Enter your choice:");
          scanf ("1-d", &ch);
            Switch (ch)
           { (alc 1: inscrt(): brak;
              (as(2: diplay(): break;
              Cosi3: dutun (): break;
                default: if (ch!=4)
                    Pointf ("invalid option");
             9 white (ch!= 5); 9
```

Voethoof

```
Void display()
? Struct node *ptr = NULL;
  Pto=head;
  if (PTO= NULL)
 ? pointf ("Nothing to point \n"); 9
  elso
   while (pts! = NULL)
   ? printf ("1.d", pts -7 data);
        Pto= Pto-7ancxt; y
      void destanc)
     ¿ struct node * temp; * du= NULL'
        if (head == NULL)
      ? printf ("Empty List. can't delete \n");
         return; y
          temp=head;
           int ch, ele;
            Pointf ("Delete at \n1. Front \n2. Back \n3 Desired Eliment
             M Entry Choice: 11);
                Scanf ("1.d", 4 ch);
                 Switch (ch)
              f case I : del=head;
                  tread = head - next :
                   points (Node deleted \n");
                     parase ?
```

```
case 2: while (temp-7 next-7 next = NVLL)
      temp= temp-moct; 9
          del= temp -7 next;
           temp = 7 next = NULL;
            Point ("Node Duted \n");
             perak:
   call 3: printf("Entro the element to delete \n");
             Scanf ("/d, 4 ele);
              if (had -7 data == ell)
           I head = head - mext; y
            eur
            while (temp-) next!= NULL)
           tif (timp-Troct-Tdata==ell)
            2 del=temp=) not;
              it (del 7 nort == NULL)
               temp=next=NULL;
                eux
                temp= next = del > next;
              3 4
            if (del == NULL)
            I printfl" Element not found in the list In");
              setusn; 4 4
             void invest()
            & struct node * next temp, * newnode;
               int item;
             new node = (structnode x) malloc (size of (struct node));
```

Scanfl" 7.d"; Gitem);

new node -7 deuta = Hem;

if thead == NULL)

thead = newnode; g

esse

temp=head;

whise (temp-7 next = != NULL)

temp= temp-7 next; g

temp=7 next = newnode;

Point + ("Node (veated \n");

g g