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fixed fist (Ausurhous) week3
1 1/01/20m
#include < stdio. h>
Airulude (stalib.h)
 struct mode
 ? int data;
     struct mode & nevet;
  smil node & orale Node (int value)
 Egyrucknode & new = (struck Hode *) malloc (size of (struck Node));
   if (newwood == Noull)
        print (" Menory allocation failed In") y
       vect (1)
    newwood => data = value;
    newwoode -> next 2 Null;
   metern newwoods;
   struct Node & insert Atseginning (struct Node & bad, int value)
     structuode # new No de = weater wode (value);
     www.ord -> mut - head;
     selver new Nodl;
    Otruct Node & insert Atamy Pos (struct node & head, int value, int pos)
        struct node + newhode = vuale Node (value)
        structulode + temp = head;
        1) (pos == 1)
             newwoode -> mut= head;
             neturn newwood)
```

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just wann ()
structurede + head = null;
int divide, value, pos;
while (1)
    point (" 1 twent at and in ")
    prints ("2 Ansest at beginning "");
    printt ("3 Amout at any position "");
    points ( " 4 o soplay lest \n");
    point ( " ander your voice. ");
    point ( " -/. d 4, 2 choice);
     switch (choice)
                                       to be insuld?)
       cant: piut ( autor new value
              seart (" t.d", 2 value);
               head = insert Atand (head, value);
       corse 2: print ( " when he value to be insented"),
               scant ( " /d 4, 2 value);
                mad = insert At Beginning (mad, value).
                break;
         care 3: point + ("enter he value to be invested")
               sout ("Id", Qualue);
           print ( " Enter he position");
               sunt ( "/d", 2 pos);
              head = insertationy los ( mad, value, ps)
              print,
       cone 4: display list (head),
```

bruk,

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( lut i,
for ( i=1, i < 100 - 1, i+±)
     temp = temp -> world;
newwoode -) new = temp -) newt;
 temp -> nut = newoods;
 acturn head;
struct Node & insurt At and (struct Node & head, int value)
    structuode + neuvode= ouale node (value);
     of (med == Null)
         sulurn newwody
      struct Node * temp = head;
     while (temp -> nout (= wull)
          temp= temp - ) rend
      temp -> next = newwood;
     ruburn head;
void display list (struct Node + head)
     struct wood + temp = heady
      while (temp! = nucl)
        erint ("./.d", temp -> data);
lump => temp -> nend;
     printt (" Nucl n ");
```

3 care 5: wit (0) default: print ("Anvalled dioice"); gulary 0; -> output 1) Answer at end 2) Amerit at beginning 3) Ansert at any position 4 Display 8 Zeit 5 Enter your noise 2 (enter hie value to be jusured: 12 Ly enter your mole: 2 Under the value to be inserted: 13 2 anter your choire: 4 (13-) 12-) MULL 2 Enter yor word. 1 Enter the value to be inscoled - 23 enter your note : 4 13 -) 12 -) 23 -) NUIL enter your voice: 3
Enter he value to be inserted: 12 Enter the position to invert: 3 Janter your usid : 4 [137 127 127 23 7 NULL