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LINKLO LING
                                               complet the lar
      Inuction
# Include (Stdfo. h)
                                                   f () purhab his
# mclude (stdlib.h)
                       1 (+11: (m) +10) 1 (12) 19 > 1 (1)
Struct node
                            " (Caryland 307. 1) Junio
    mt data;
    Struct node mixt;
void print Data (struct node + head)
    of (head = = NVIL)
       pronty ("The list is emply");
    }else {
    structi node *pti=head;
    while (pti! = NULL)
        prent ("/d In", ptr -> data);
        ptr=pt1->next;
 void mont By (struct node ** head, Ent value)
    Strutt nocle * temp = (struct nocle +) malloc (size of (struct node));
    temp -> data = value;
temp -> next = * head;
   * head = temp;
vord susut End (Struct nede + head, sut value)
   Struct nocle * ptr = head;
   Struct nocle + temp = (Struct nocle + ) mallor (size of (Struct nocle))
```

```
temp -> data = value;
                                         (25 post) portion
                                        (100 boil) land (rout);
     temp -> nent = NULL;
                                        Enrolf End ( head) 87).
     while (ptr -> nixt! = NULL) {
                                         printpala (hund);
         ptr = ptr -> next;
                                  ("11/2- ")]]1029.
                                   CE (12 6 bess ) 109 49 10000
      ptr -> next = temp;
                                          (hosel) atoll hard)
void mouthtos (struct node * head, int value, int pos)
   Struct mode * ptr, * pti 2;
    Struct node * temp: (struct node*) malloc (street (struct nocle))
    timp -> data = value;
    temp -> next = NULL;
    Int position = pos;
    ptr = head;
     while (pos 1 = 1)
                                 rature 37 added Successfully out 3
       plr2 = ptr;
        ptr=ptr->nuxt;
     timp-> next = pt, 2-) next;
     Pbr 2 -> next = fimp;
     promp ("value -/.d added succesfully at -/.d/r", value, position)
```

```
delBeg (struct node * head) {
      Struct mode * ptr;
                                          59 980 PS
      if (head = = NULL)
                                          19.00 (19)
          printf ("The list is Empty");
                                       true There
       Jelse f
          ptr = * head;
         *head = ( * head) -> next;
                                        ACTION ==
         free (pH);
                         ( applied as 154 M. 1 Jev
          Ptr = NULL; }
void delEnd (struct node + head)
                                      ACTION : U
    Albert needle * ptr, * pti 2;
                                  14 5 11 5 11 5 = 11 5 =
    of (head = = NULL)
          prontf (" The Lit is Empty");
     I else f
       Ph = head;
       while (ptr->next=NULL)
              ptr 2 = ptr;
       ptr=ptr->noat; i
ptr2->noat; i
       free (pti);
void del At Pos (struct næde * head, ent pos)
   Struct node * ptr, * ptr 2;

1 (head = = NULL) {
          printf("The List is Fritty \n");
```

```
Jehn ] (pos == 1)
                                       chilbed ( + fread);
                                       man formal
                         ( Cook
       ptr=head;
                                       differed (hecough):
                                     minipata (head);
       free (Ptr);
                                        1) # not [" _ -
                        ("ar.
        ptr = NULL;
                                     dually (hund, 2).
    June (
                                     (boss) 100(4 (head)
    ptr = head;
                                      - -- " ] franci
    pti2 = head;
                        (40%)
   while (pos! = 1) {
      ptr2 = ptr;
       pti = pti ->next;
    pti 2 -> next = ptr->mixty to whitewood babboo or
                        st added successfully at the find
    free (ptr);
                        sy added succonfully out the End
    Ptr = NLLL;
the main ()
   Struct node * head = NULL; & to produce della
    murt Big (shead, 34);
    print Data (head);
   printf("-
    mourt End (head, 75),
    insurt End (head, 56)
    mont End (head, 87);
    pront Data (head);
                         ("' a);
  Gomsort AHPOS (head).
   pront Data (head):
                         + muntAt Pos (head, 89, 3);
   prontf ("_
```

delBeg (4 head); ("nr printf ("--Joseph . delEnd (head); ((1973.9) print Data (head); ("n") 15540. printf (" - delAIPos (head, 2); print Data (head); (""); District ( "--Clown! (1 + 1 vag %: Value 34 added Succenfully at the Beginning 34 Value 75 added Successfully at the End STURKE PAR value 87 added succentully at the End value sy added Succenfully at the End 1(77) 34 75 87 54 87 added sucenfully of 3 mode "head = dys Value Eig (splead; 34); 34 75 rate (head) 89 not (seed 5 75) ul (mad 26). not ( head, 8 D); 15 7 201 ( January Clause ) 2014 ( January ) 2014 ( : (boot) or 75 87 75 head int value) uct inde " inallor (size of (struct mede));

accest, conceptination

Process returned 0 (0x0) execution time: 0.012 some ress any key to continue.