Dale: - 22/1/2024 O implement singly linked list with following operation. @ ckeale a linked list 6) insertion of a node at fixst position at any position 4 at the end position Bingly linked list. # include 28tdio.h> 8 # include < stallibert> etxuct node { Struct node *data; 3: struct node * next; *head F NULL; 3/8004 node STRUCT node * ckeare node(); * insert beg () Struct node struct node * insect end();

Struct

node

* insent- Man ();

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	878007 node * display ():
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and a second second and a second	C
and the second section of the second section is a second section of the secti	1.1 01/2-1
and sure descriptions were assured to the sure of the	int option;
the second section of the sect	cuhill (1)
and the contract of the contra	
	printf ("In1. cseate-note In 2 intent at deging
	In 3. insect at end. In 1 Insect at example
and application and the second	(n6. Exit) n65. display")
· · · · · · · · · · · · · · · · · · ·	scanf ("1.6", fortion
	switch (option)
	Switter (a) switt
	case 1: Ol reale-node (*head);
	BBSeak;
	case 2: inseal-beig (*head)
	30000
	case 3: in seat-end (theas)
	cusey; insent man (*head);
	casey; insert man (thead)
	Break
	case 5: display ()
	Break;
	case 6: coxit(o);
Management of the control of the con	defult: Prints ("asong value"):
	B Keak!
	{
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retter silvivele ved siste messen en en en til blev i messes fra til en	3/xvc7 node *ckeale-node (*head)
	Struct node * new node, * temp:
	temp=heat;
	exinff ("How many godes gov want (keafe")
	Scanf ("d.d" & n)
11 11 60	fos(inti=1; i <n; i++)<="" td=""></n;>
-	new nod = (878vict node*) malloc (size of (878vi).
	note)'
	Print f("Enter data):
	Scanf ("1.2", & newnode -> Later)
	new.node=h
	new node -> next = null.
	if (head == nuel)
	temp=head=newnode;
	else.
	Jemp->next=new-node;
3	temp= newhode;
-	

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struct nod	le rinsed beg	g(head)	The second secon
struct no	Le * newnode	e, *temp:	
newnole=	(Struct node	malloc (Size of	(Struct note)
Print ("Er Scant ("I.	nter date"): 1", & newnode	-> data)	
newnode	newnode;	ead;	
3	·		
3			
	tinsed-end		
DSHUCT Dewoode	node * newn	ode , *temp ;) malloc(size of (s	Start note)]
temp=he	ad newnode	->next = NULL	
{	$mp = temp \rightarrow n$		
2			
Jemp 3	->neat = neu	o node,	
in 898UCT nod	e * insert_ma	in (heas)	
int 903	•		
SHUCT	node *new	role, Mempix	Henose
	len the pos		
Jemp = hea			
newnode = (struct nodex)	malloc (size of	(398UC) node)

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	Nichellandon And Index (1)	The state of the s
	Print("Enter the Lada:"); scant ("1.2", & new node > data);	
esser resignação hospina democração del sida efectiva responsamente dos distribuiros de delete, en sida de seg		
	while (ind i < pos)	and the second s
o o	eshile ()	The second secon
	temp=temp -> next;	
	1140	
	?	
	new node ->next = temp ->next	7.
	in the first of th	
	temp-ment = new node;	
	}	
*		
a.		
6 1 1		1
-		
	sel struct node Delete-Beg (head)	
and Philipping and the second and th	struct node thead , temp;	and the same and t
	if (head = = null)	
	Printf ("empty"):	
		The second secon
	else	
S. J. P. W. S.	10-0-1	to the state of th
	temp=head;	
	heads temp-next;	1
ligy, land at control for sea Auto-engage algorithms also all the companion and an engage of	force (temp);	alagraphic and the second of t
Market and the state of the sta		and the second second second second

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Struct node * delete end (hear):
Struct node *Prenode, *temp:
temp=head;
if (head == Noll)
Ou IPAR olumbi
Printf ("cmpty")
f siel (head)
}
elle
while (temp-rnext != NULL)
Prenode = temp;
temp= temp->next.
3
force (temp);
pre node -> next = NULL;
}
struct node *delete-ran (head)
3+806+ node * temp, *next node;
temp-head;
ignt 803, i=1;
print ("Enter position")
3 canf ("7.2", f 908);
enhill (i <pos-1)< th=""></pos-1)<>
demp= femp -> next;
2 i++;
5
neoctnode= temp=>neoct;

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temp -> next = next node -> next i foree (next node) OIP a create node 1) insent at beging (3) insend at scandon position (4) 6 display
6 delete at begining (F) delete at end. 8) delete at random position cocit. Enter the option of how many sola you want to insent 3 enter data 23 enter data 45. Coter data 76 Enter the options. 23 45 76 Enter the option 2 Enter data 78 enter the options.

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23	
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76	
enter the option 6	
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and the state of t	
enter the option t	
deleted element is 76	
enter the ortion &	
enter position 2	
deleted clement is 23	
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