DS LAB TEST 2

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Am Hendude (stdio:h)

4 include (stdlib.h)

Struct node }

¿cot cost;

¿lével nale *next;

¿cheu name [10];

strict node " head = NULL;

void pope);

void diplay ();

void push (int in cost, char in name [100]) {

struct node * in node = (Struct node *) mallor (size of (servet node));

in node -) name = in name;

in_node -> cost = in_cost;

in_node > hand next = NULL) {

Chead == NULL) {

head = in_node;

lie }

en_node = next = head; head = en_node; Void pop () {

Struct: node * temp = head;

of Chead = - Nou!) {

paintf (" List is Empty In);

else {

head = temp=next;

temp=next = Nou!;

free (temp);

void diplay () }

Struct node * pti = head;

if Chead = = NOW }

peint f (u Empty hist 4);

due }

printf (4 % S\n', pti-name).

printf (4 % of od \n', pti-next);

pti = pti-next;

```
Est main () }
    ent a:
    int data:
    char x [100];
          peint ( u * * * MENU * * ");
          printf (4(1) Push the Name and Cost of the clam 14);
          printf (4 (2) Pop the ilemin 4);
          peint (" (3) Dieplag the clemeln");
          part (u(4) tait m4);
          scanf (o/od
          seanf (40/0d4, 4 a):
           swetch (a) }
               care l'o print (" totu the name of item ::> \n 4).
scanf (" obc", le name);
                          perotf (4 Enter the cost of clames > \nu);
scanf (4% od 4, & dala);
                         peuch (data name);
                         break;
               cau 2: pop();
break;
               cau3: diplay();
               care 4: exit(0);
                    buak;
                default: piert (" malif");
```

while (a) -184 a = 9);