DS LAB TEST-2

PROGRAM-2

2. ABL shopping mall decided to bill all the items (name, wit) shopped

in Last-In-Finel-Out ouder While a pungram to stimulall the

above Scenarion using Linbad list.

Shuret node

int val;

Struct node + next;

struct node * head :

Park Hunding

int val;

Struct node * ptr = (struct node *) malloe (size of (struct node));

if (pt== = NULL)

Printf (" not push not able to push the element ");

else

1

elle

2

Scanf(" yd", 4 val). if (head = = NULL)

Printf (" Enter the value");

Printf ("not able to push the alement");

```
1
0
        Ptr -> val = val;
       Pla - next = NULL;
       head = ptr;
    else
      Flor - val = val;
       Der - next = head;
       head = plr.
13
     Paint (" Them purhed ")
         1
    Pop()
      int item;
      Struct node * ptr;
      if (head == NULL)
      2
       Frant ("underflow");
    else
         item = head - val ;
         Flor head;
          head = head - next;
        due (ptr);
        Dein of (" 1tem popped ");
           3
```

display() int i; stunct node * pto; Den = head; if (pla = = NULL) Duihtf ("Stack is emply In"); else 1 Printf (" printing stack elements \n"); while (ptr 1 = NULL) Printf (" /d In" per ral); 1