8 # include (stdie, h) I # include & stalib. h> void push (); void pop (); void display(); struct node Zint data; 1struct node + next; struct node + top=NULL; int main () ? int choice; Phint (" Sto print ("1. Push in 2. Popla 3. Display In 4 Exit") vs canf ("10/0 d" & choice); switch (choice) case 1: push(); break; case 2: pop (); break; case 3: duplay (); bred case4: exito; I while (choice (=u); void push () ytruct node * new mode Phist ("Enter the element"); scarl (110/0 d' l' ditem): newmode = (struct nodit) malloc (size of skul

newnode. - data = item; newpode -> next = NULL: top = new node; else. newnode snext=top; top = newnode; 10id DO10 () (40b = - mnn) else? ("Stack 's empty"); prints ("Element removed is "od", top solata)

top & top > next; void display () E struct Inode + temp; temp = top; Print ("Stack is empty"); white (temp) = NULLY

2 phints ("or.d', Leng > data

temple temp > next,

8b) # include (stdio. h) It in dude (istalib h) struct node Eint data; E. Wruct nosle + noxt; void insert (); void display(); shuct node * rear = NULL, * front = NULL int main () Phints ("In Queue implementation using linked listin"), int choice; phint ("In 1. Greate In 2. Display In 3. Delete In scan (%od , & choice); switch (choice) ? case 1: isert(); break; Case 2: display(); break; Case 3: del (); break; ¿ case 4: exit 6); 3 while (choice 1, = 4) void weat () Struct node + new node new node = (struct wide & naclos Dhist(Enler the doment

rewarde - nort - NUL; 1 (near == NULL) rear = new node; front = new node; rear = new node; else print (prene is empty). perint l'Deleted element y /d' front sdato]

[(front == rear)

} front == NULL,

rear = NULL, front = front 3 next; Void display()
3 is kuch node *temp if (fort = = NULD) 2 print ("Queue is enpty"); return; while (temp) = NULL) 2 paint ("% od" temp > data)