USN: IBM19(5016 Name: AMITILE

Linked Stack Cade

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Hindred (station l.)

Void fush (ict);

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Struct nade

E

trust node + next; street node + top = NULL; int chance, ch; privile ("In 1. Push 2. His 3. Pop Gesit In"); Scanf ("/d", & choice);

Switch (choice) case 1: print f ("Enter Dement ("");
scanf ("/d", & ch);

push (ch); break; case 2: display (); break; Case 3: pop (); prece(; case 4: ext(0); void push (int item) struct node + neunade; neumale = (struct node *) mallo (six of (struct node)); newhode > data = item; neunade - next = Mil; if (for == NULL) top = newhoode;

7 west = top; top = newwoode; void pop () if Ctop == NULL)

printle ("Stack empty ! "); points ("element commend: "d",
top = top > next; 3 top > 16 void display () struct node * temp; (top == NULL) points ("Stack is empty")
while Clamp! = NOCC) frinte ("/d", temp > data); temp = temp > next; le Linked Queve Code int data;

struct node thext; void insest (int); void display (); Void del () start unde + mas = NUL, + front = NUL; void main () just choice , C; char ch = (Y'; posint ("In Queve implementation using linklist (");

posint ("In 1. Greate 2. Diplay 3. Delate

4. Exit (n"); prints (" | n Enter chaice (n"); scarf (" /.d", & chaice); switch (choice) case (: printf ("enter element (""); scarf ("/d", & c); jusort (); break; Case 2 = display (); preak; case 3: del (); presile; case 4: esit (0); 3 while (1); struct nede *newnode; nounade = (stant node *) malloc (sizal (stant node)); nouncide -> data = Hem;

remode -> vext = NULL; if (som== NULL ran - newhode; = nemade else > vest = nemode; recor = newhode void del () front == point (" Scene empty ! (n'); ele is '/d " front. (n"); printly (" Queve is empty front = front void display Que enply (")

temp = feart;

while (femp! = NVV)

{

Apprintf ("1/d", femp > data);

temp = temp > voxt;

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