Date \_\_ /\_\_ /\_\_\_ I Implementing stact wing singly linked list # inlude (stdio. W) # include (stdlib.h) - (2001 3000 3m int info; struct næde \* link; typedel struct node \*NODE; NODE X; 2 = (NODE) mellor (Size of (Street node)); if ( 2 = NULL) prints ("men fell \n');
exit(6); void freenode (NODE n) NODE insert front (NODE first, int item) NOTE temp; temp = gltnode(); temp > inp = item; temp > link = NULL; Page No.

of (first = NULL) return temp; temp -> link = first; first = temp; return first; NODE delete front (NODE first) NODE temp;

if first = = NULL) ung empty cannot delete print ("stack is return first; temp = first;

temp = temp -> link;

print (" item deleted at frondend is = 10 d h")

first -> info); see (first); Return temp; Void display (NODE first) NODE temp;

if ( just = = NULL) printy (" stack compty cannot display items ").

Joh (temp = first, temp != NULL; temp=temp)

link prints ("/bd \n", temp->info);

pare \_\_\_/\_\_/\_\_ int main () int item, choice, pos; NOCE fint = NULL; 3: Display-list 4: Exit \n');
"enter the choice \n");
"1.d", & choice);

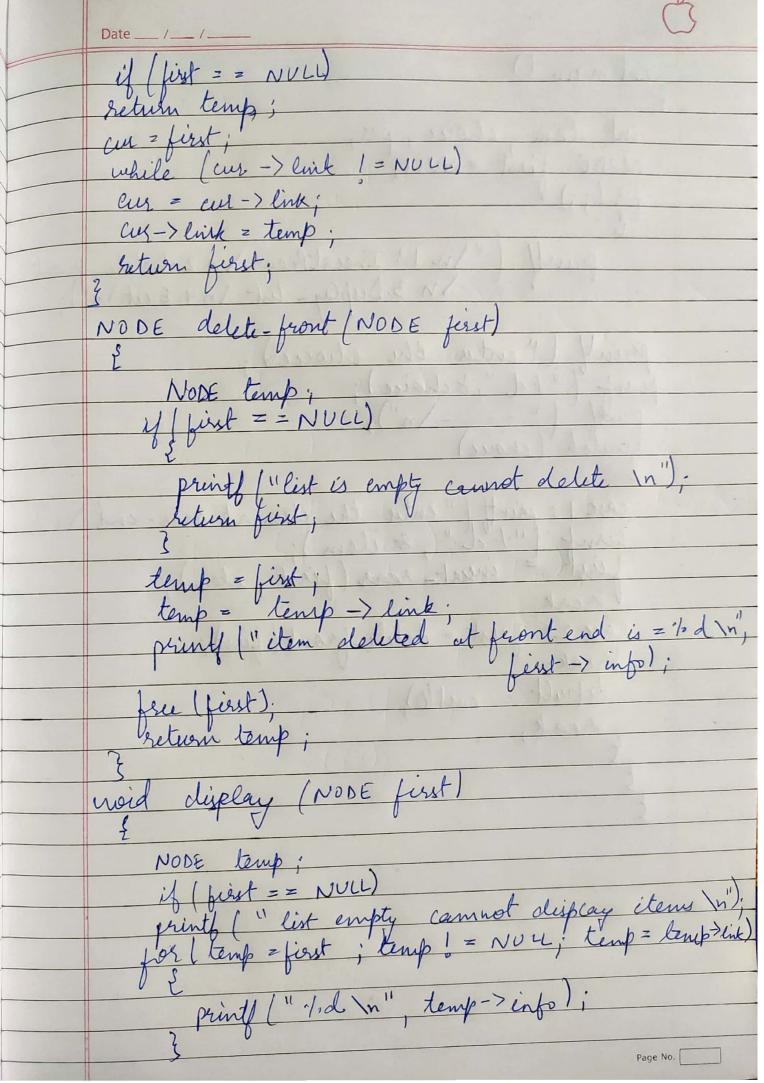
(choice) ("In 1: Insert front n 2" Delete-front case 1: prient ("enter the item at front-end")
scanf ("16d" & item);

Date \_\_ / \_\_ / \_\_ I Implement to queue using linked list # stend no include (stdio.h)

# include (stdlib, h)

stourt node

E int info; stourct node \* link, typedel struct node \* NODE;
NODE getnode() NODE X;  $\chi = (NODE)$  malloc (Sixor (struct node)); if ( $\chi = 2 NULI$ ) print ("memory full \n"); enit(o); void freenoole (NODE X) NODE insert-rear (NODE first, intitem) NODE temp, cur; temp = geturode (1; temp -> info = item; temp -> link = NULL;



fent main () int item choice pos; NODE first = NULL; for (;;) perint ("In 1: Ineesthear In 2. Delete from
In 3. Display - list In 4. Exist In"). perint ("enter the choice");

eant ("./.d", & choice);

Print ("----\n");

Serietch (choice) break; first = delete-front (first);