Date
Expt. No. Page No.
Stacks & gunegus acprises using - linked
#include (stolio-h)
include (stallib. h).
include & moth. h)
Hinchede (processh).
stract node à
stouct souls *link;
stouct mode *link; int inf ; 3;
typedel struct rade *NODE;
NODE freenocle (NODE x) ?
free(x); }
NODE getrode () 3
NODE n= (NODE) malloc (size of (stoud node));
if(x = = NOLL)
printf ("Memory is full In")
exit (0); 3
Teacher's Signature:

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Expt. No.	Page No
MODE insertment (Nove feet, int) ?	
Nost temp = getrade();	
Emp-> info = thom 5	
Jemp->110k = NOLL 3	
if Gast = = trail fi	
E commenter	
Jest = tanh; jest = tanh; return tanh 5 3	
Gress,	
NODE insotopas Loope fout inti	tan) 3

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	. 11	
	corld -	
	Most corestamp;	
	temp = getnerle();	
	V	
	temp -> line = NUL	
	took Slist Man	
_	1 () 1 = 100C 3	
	1) (Xax = = MOLL) .	
	if (first = = Kull).	
	Cere = frot;	
	while (cess->link = NULL) -	
	· · · · · · · · · · · · · · · · · · ·	
	Scor = cortink;	
	Constant = tomb:	
	cour->link= temp;	
	alley of J	
	8	
	\$	
	NODE deletiment (NODE first) S	
	i) (Just = = MULL) }	
	hand ("Stack is compity In);	
	The contract of the contract o	
-	- 1 7	
	Tetory past 3	
	Teacher's Signature :	

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Expt. No.	Page No.
MODE temb = first	
fasi = fasi >> link;	
paint ("ilon poped = o/od In -	= (dris-dm
1000 - 0/00 /11	
Joseph);	
E c'teril renter	
NODE delotereau (NODE fret)	
V ANDE have to	
MODE proof cost	
if (fret == MULL) {	
	(
hearly ("Quee is compty In");	
return first; }	
0 52	
if (foot->link = = MOLL)	
3 hints (ikm doled at veen ree	Ais ald la
2 pent - Sinfo)	10) 13 0/60 m
The contract of the contract o	
free (fist)	
reacher's Signature:	

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void display (NOTE first)	
2 MODE down 3	
for (tem) = fort; temp != MOLL; temp	
2 prients (Nod \n" temp-zinfo);	2
3	
int main () S	
item tem choice.	
MODE first = MOLL, first 2 = MULL	
for (i) 3	
prints (" 1. PUSH - Stock in 2. POP - S QUEQUE in 5: POP - QUEQUE STACK in 6. DISPLAY - QU	
prent ("In Enter a Choice 8")	
sang (" o/od", kah);	
avoiche Choice 3	
Teacher's Signature :	

	Dane
Expl. No Page	e No
(" 2/2 d") fried (" Enter utem 3 \t \n");	
d & Guster , trad) transform = trust	
cax 2 % frost = doloto front (fast); bu	ook;
Coux 3 8. if [frest = NOU).	
pients ("Stack underflow")	
else deeplay (part) 3 brook	
cax 48 hierty ("Enter item : 1+") Scand ("ofod, when);	
god 2 = ment ocar (frost i item)	break;
Case 58 part 2 = deleterous (first2)	5 break.
case 6 siffret2 == NOLL) - print (" Queque compty"))
else display (fist 2); be	ak;
de fault 8 vivit (1); Teacher's Signature:	
break; 5 } }	