Weste a program to simulate , he worke de stack when curacy with follow hush, hop & display & program shid wint appropriente in course of stack overflow & underflow # include of stdio. h) # define OH 108 int loh=-1; int stack TOHT; C) dead bion 2 int pushite: if (toh == (OH-1)) E punil (" Stack Overflow \n"); 3 else Scand ("o/od", & pushite); Stack[toh] = pushite; 3 { if (toh==-1) else l'éstack Uneeflow In "); } E prints (" Popped element will be: % d'staller

void display party ("Stack is empty") else proof (po(i= bh; i>=0; i-printy (o/od, stock[i]) 2 int oht (1. In Rush) 5 pung (In 2. Poh"); puny (In 3. Display); hung (In 4. Exit); in Enter Choice ? ??

Prompe scarf (" o/o d", & opt); swithch (oft) { case 1: hugh (); pop (); Cax 3: display C); break 'j. Case 4: break; default : prints ("muraled choice:); 33 while (abo oft != 4); OUTPUT T. Push. 2. Pop . 3. Dis hay Enter your choice: 1. Enter element to be purhed & 11 4. Quit

- contal -	
1. Push	(tipo) dodhose
2 Poh.	
3 display 4. Exit	1 000 }
Enter your chous: 2	Codoury Sturger
Enles your choice: 2 popped item is 11.	
	Coase 2
1. Push	
a. Pop	(b) 1191
a. Pop 3. display 4. Exit	: 8 3003
2. Enit	
e +	32 martub
Enter you choice: &	d Hours
1. Push	Cosc 4: ba
2. Poh	
3. Desplay	in theofer
2. Exit	
- i ho od	o lelotos 2 2
2. Poh Enter year che	sice · 2
3. Pop. Enter jewi chr Bruck undufore	• >
	TO9700
1. Push	1268 J
a. Pop	2 766
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4. Ent	A. B. 11-
	40. 100
Enter your choice: pergram relierneel.	0 (0×0)
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