18/15/5. Lab-2 1. White a program to simulate the working of Stack using an array with the following: The program should print appropriate messages for stack coverflow, stack underflow. b) Pop c) Display => # include (stdio. h) # include < stdlib. h> Holefine N 5 int top=-1, if (top == N) 3 point ('stack Overflow'); print I l'Enter the element to be insented")

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( './J" (x); inderflow"); y = stock [top]; deleted is 1.d" 4); Void

A choice;

ent l'Enter your choice 'In I pushin 2 poply

3 display!);

and ("Id", & choice di) Case 1: push (); Case 3: display ();



Case 4: exit (1); break; break; break; Enter your choice: 3. display Enter the clement to be insented 2 Enter your choice: 3. Display 2. The element deleted is 2. Enteryour choia: 2. Pop 2. Display. 3