DS lab Pagane

Stack Program #include <stdio.h > # define size 3 int top = -1; void push (int [], int); int pop (int []); void display (int []); int main () int stack [size] i int choice, elevent; char ch: paintf ("Enter your choice in"); print ("1. Push m"); print ("2. Pop (")); print ("3. Display (n >2); print ("4. Exit m"); scanf ("40d", & chica); Switch (choice) & case 1: printf ("Enter the element to be pushed "); Scanf (" "/d" , & clevent) i push (stack, clowent); case 2: element = pop(stack); printf ("Popped obment is god In", element); case 3: display (stack); default: printf ("You have exited the program?");

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printf ("No you want to continue
Ather (stdlin)
 Scanf ("90 5", bch);
} while (ch == 'y' || ch == 'Y');
returna O;
woid push (int stack [] int ele) {
if (top = = size -1) {
  printf ("Stack Overflow");
 else f
 top ++
  Stack [top] = cle;
int pop (int stack []) &
int popule;
if (bop = = -1) {
 printf (" Stack is empty in?");
 popula = stock[top];
 return (popule);
 void display (int stack []). (
 printf (" The stack elements: \n ??);
 $00 (i=top; i>=0; i--)
printf (" god It"), stock[i]);
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