2 # include Kistdio. h.) char stack [MAX]; void push (char ch) if (top == MAX-1)

printf ("Stack is full.\n"); char pop () char item;

if (top = = -1)

printf ("In Stack is empty!"); item = stack [top]; top--; return item; else return 0:

char stack top() print[("In Stack is empty 1");
else return stack [top]; est priority (char ch) switch (ch) case'- : return (1). case +: (ase 1 seturn(2); case 1. setwon (3). default: return (0); char infix (100); int is item; print ("Enter the postfix expression"), scan ("% S", in ix"); for list i=D; ix walen (injix); (++) if [(infix(i) = = 1x11|infix(i) == 1+ 1 ||infix(i)= '-'H injex(i)=='(') infix Cit D=='x' llinfix Cit D== \''llinfix Cit D== ? paint ("Invalid Expression").

2 exit (0); Prints ("Expression: "/ors", infix);
Prints ("In Postfix:"); while (infix[i]=10') sspitch (infixCi) case (' push (infix[i] print ("b/oc", item break case 'X'; while 13+ ack empty() & \$ point (10/0 (4 Henr); 3 default: print ("oloc!, ifix (1)) (stackempty()) = pop (); paint (0). C'ilen charitem; Item