	Page SPLASH
,	Lab brogram - 2
, ,	
2.)	WAP to convert a given valid harenthe
<i></i>	sized enfix arthretic expression to
	postfix expression. The expression
h.	consists of single character operands
	and the birary aperators + C flus)
	, - (minus), * (mustiply) and / (divide)
Saln.	# include 25tdio.h>
	@ 10 # define N 100
	ind Stack[N];
~	int tap = -1.
	Vaid push (int item) {
	if (tap == N-1)
	if (tap == N-1) frintf (66 Stack overflow! \n33).
	Stack[++tap] = itom;
	int pape 2
	if Ctap == -D
<u></u>	printf (66 & Stack underflow!\n20).
	else.
	return stack [toh].
	3
	int priority (char op) ?
	Switch (op) ?
	Case (*): return ?;
	break.
	case "/" return 7.;
	break;
, , ,	

SPLASH Case 6+0 : retwen!; break; 6\_3 : return 1; break, case ( ? : return 0; break; 3\_ () nion tri char s[so]; char + [50]; int 1; int choice = 1; do { 1=0; print (66 Enter your infix expression: Sanf (66 % 5 ), s);

from Cint i = 0; S[i] ! = 6 \ 0 ), i+0) {

Switch (S[i]) {

Case ((' : push (f('));

break;

1.0. ( \tarks tap ]!='() case ) > : while (Stack Etap ] != () +[1+] = poh(); poh(); break; care (\*); 0000 6/3

	Date/
	PageSPLASH
	Caso 6 + 3
	(000 6-0: lunilo (tabl=-1 & 8
	priority (stack(top))>=
	Priority (S[i]) &
	+ [1++] = pap ();
	. 2
	Just (S[i];
	break;
	default: [ 1++] = S[i];
	2
	3.
	whil (top! = -1) {
	+ (1++) = pan ();
	2.
	+[1] = 6/01.
_	I right ( copportion or bression for 160.1.5) 2)
	print ( c postfisc expression for (c./.s) 2)
	printl (66/n : Menu: In 1 try
u. u. e. l.	another infine expression. In
	Exit In Enter your choice; 3/
	Scarf ( % d 13) & choio)
	3 1 21 1. Cabaira 1 = 2 ) 1
	3 while (choice ( =2);
	returno;
	3