VARRA CHARAN REDDY #include (stdio.h) 1BM19CS178. Hinclude (Ctype -h) بالمعاج يشري إذهال لا الكلام والتعالي ويشار المعالب # define SIZE50 10. N 2001 Hot char Stack (SIZE); Public ("mise influereression"); int top = - 1; Push (char elem) : (+i) Mi (2 m = ") in-old : (= ') - e v ? Stack (+ + top) = elem; (b/=1((++i)xi+ni=h))) Sidle Char POP () if (in== (() Push (ch)) return (stack (top --]); (ch)) POSEFIX (KH) = Ch; int pr (Char symbol) ('('== +2)))i if (symbol = = '11') 1 my 16 (zfor [fold] = (,) POSEHY[K++]=POP(), return (3); () 909= mo19 else if (symbol = = " (1symbol == "(') 9219 ((n)) n= < ((ep)) >= (((n)) return (2); POSHIN (1644) = POPC); ((A)) HZ.9 else if (symbol) == + 11symbol == -1) return (1); ('#'=![9여) 52 뉴턴 17 - 3 Pises return(o);

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C 11 01 12 12 5
 Yord mark O Harry
                                                 (4.59) 11 1, 12,
                                                    57EBC12
Char infix (50), postfix (50), ch, elem;
                                                 ・「田田にという」
int i = 0, k =0;
Print f ("onter infix expression");
                                                    (m319 "man)
 Scanf ("olos", infix);
Push ('#');
                                               oft teep] = elemi
While ((ch = intix(i++))!='10')
f
                                                           () De,
if (ch == 1 (1) push (ch);
                                            ([-- dog] x12 045) m
 eise
if (is alnum (ch)) postfix (k++) = ch;
                                                 ( LOGWES JOIL)
 erse
if (ch = =')')
                                                  ( 1/1 = = loom
{ while (stack [top] != '(')
 Postfix[k++]=pop();
 elem =pop();
                              ("1" = = 100 mys) * (" = = 100 mys)
 else
                                                           16517
while (pr(stack(top)) >= pr(ch))
  Postfix (k++) = POP():
                              ('== 100 my211'+'== (100 my2)"
  PUSh (Ch);
3
While (stack (toP) != 'H')
 postfix (u++)=pop();
 post fix(k) = 10;
```

printf (" (n postfix expression = «los)n", postfix);