Program - 2: # include cotdio h> # include < strong. h> #include < stallib. h7 int F (chow symbol) switch (Symbol) case '-!: return 2; case 1': vehim 4; case 'r': case 's': return 5; oase 'C': return 0; case '#': return -1; defunt: return 8; int G (chart aymbol) switch (symbol)

case 1 - 1: return 1; Cone 'x': case 1': return 3; case 1': case 'f': return 6; case '(': retur 9; coral ' )': return 0, defuntt: return 7; void infin-postfin (char infin [], char postfin []) int top, i, i, cher s [30], symbol; top = -1; sc+ftop] = 1#1; for (i=0; ic strlen (infin); if f) symbol = infin Ei]; while (F(sCtop)) > 9 (symbol)) pastfin [j] = sttop -- ]; 3 5++;

if (F(s[fop]) != G(symbol)) S[++top] = symbol; else 40b - - ) while (sltop ]! = '#') postfin [j++] = s[fop -- ]; postfin [j] = 'lo'; void mein () char infin [20] char pastfin [20]; printfinEnter the valid infin enpussion In'). Scanf ("1.5", infin); infin -postfin Einfin postfin ); printf ("The postfin enpussion is In"); printf("1.5 \n", postfin);