7/00/2000 evaluation of postfire explicion. 11 Declaring the hades Jeles 11 #include < Stdion >= 1 + 1 201 # include < moth- h> H include (string. W) the include < ctype.h>= [] Il Declaving function prototype for Symbol, Operall al op211 double Operate (chose Symbol, double Op)

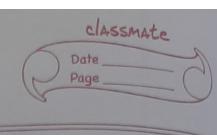
double op 2) Licaloffici 11 (Cos) of seal) Switch (Symbol) case '+'; seduen of 1+ op a; core : de selver o pre ob2; coce 1/1: retur of 1/0/2; cose 1 ; outen pon Copi, 0/2);

Will main Co man bior double stock (20); Unitializing stock of size 20/1 to double to int top = -1, i', 11 initializing top to -1 which is compty and i'll chan postfixe [20] () Symbol; Minitialize postfir expection of size 20 ed Symbol of dorbotype character 11 Prints ("Enter postfire expression/hu).

11 toking the user Enfect of the [] Swort ("%s" 1 postfix); It storing postfise expression! for (9=0; i & Strlen (postfix); itt) Symbol = postfix [i]:

"I (is digit (Symbol))

Stock [t+ top) = Symbol- o';



of the Scanned Symbol In the postfixe explains is operand. Just it to the Stays!

ob = stock [toh - -);

ob = stock [toh - -];

vegule = operate (Symbol 1061,06);

stock[t+ toh] = result;

Hor clase of the Scorned Symbol in the portfix experses is operator, pops the two dements from the start and the direct popular dement is operand a whole and popped dement is in operand to the start operand to the start popular dement is in operand to the start operand to the start

then result of Oh of,

Pugh the result to on the stack, then that I

