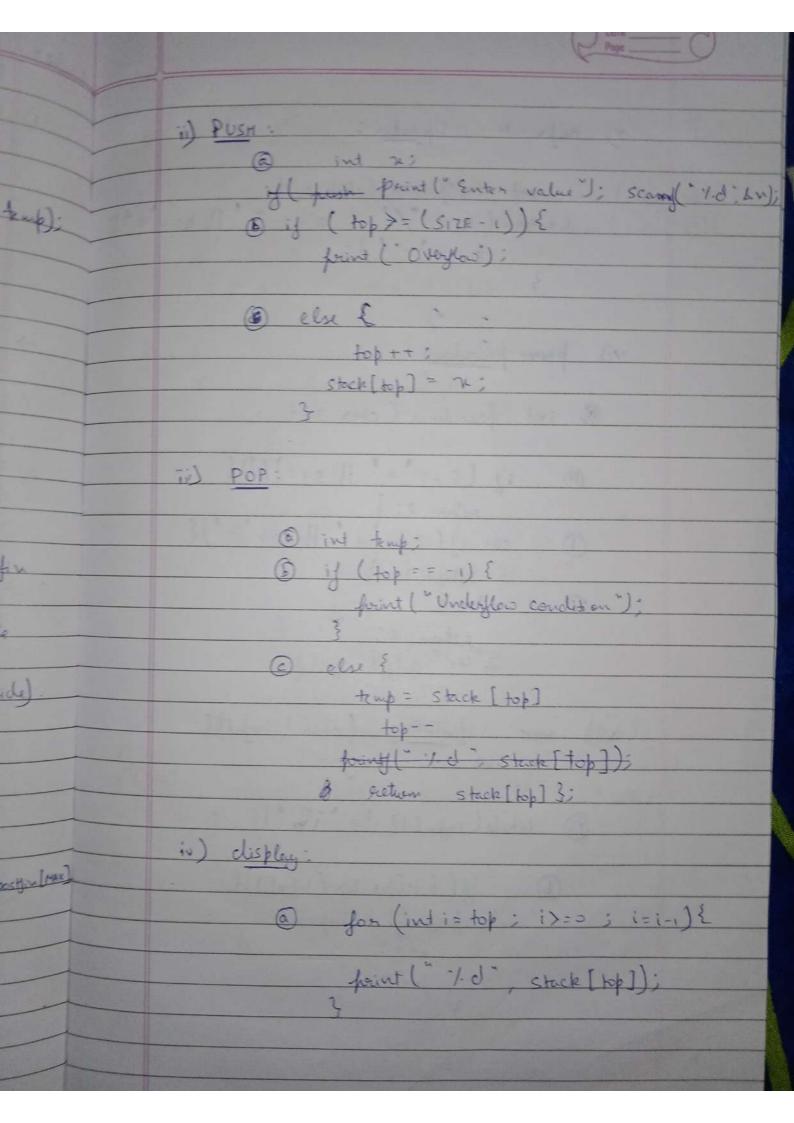


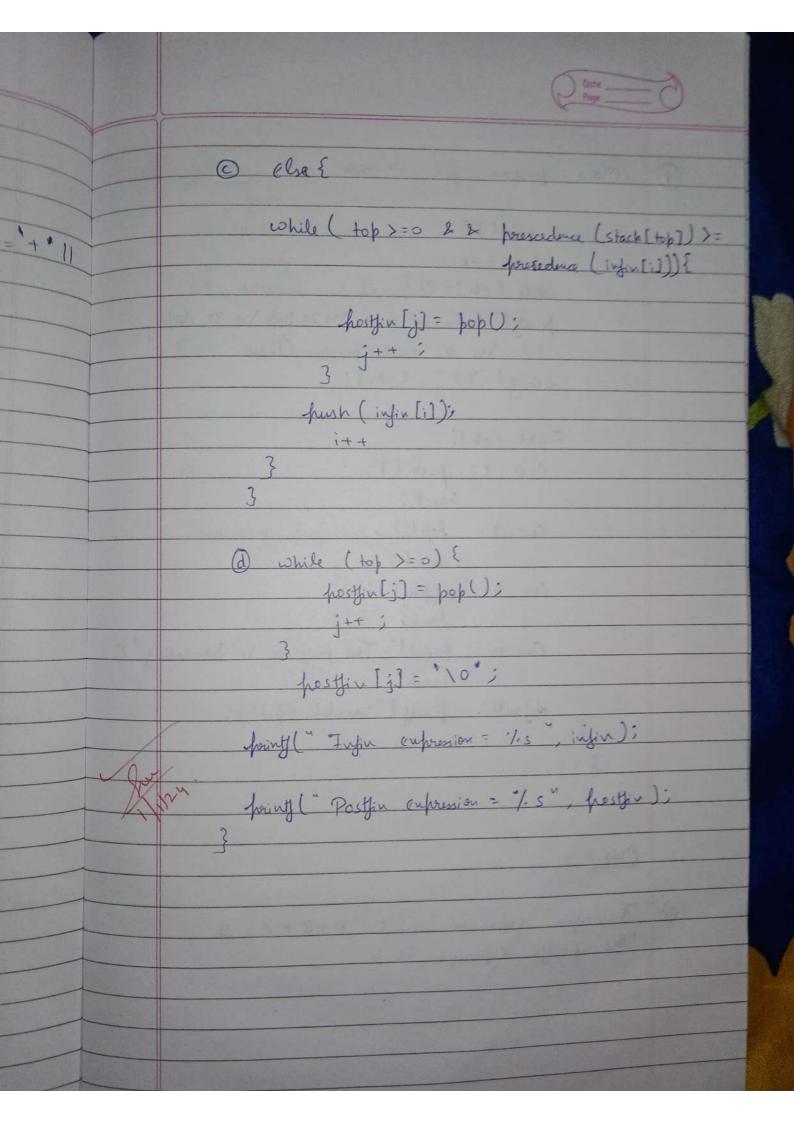
else { temp = stack [top] print ("The popped item is "Let", temps display: for (int i= top: i =>) = (+) { print ("1.0", stack [top]); WAP to convert a given valid promotheric infin arithmetic infin enfrassion to postfin expression. The expression consists of single character operands and the binary operator + (plus), - (minus), * (multiply). I (divide) -> i) # include < stolio h) # include (mathin) # include (string h) # define MAX 100 chan stack[MAX] , chan injul [MAX] chan postpulsed int top = -1;



v) infin to is Operator: int is Operator (char a) {

return (a == 1/1 | | a == 1/1 | | a == 1/1 |

a == 1/1 | | vi) precedence: @ int precedence (char s) { (a) : | (s == ' + " | 1 | s == ' / ") { (b) else if (s == + 1 | s == - 1){ situs 1: 3 setum o; vii) mor infix To Postfin (char infint) { int i=o, intj=o; @ while (injuli) != 18) { (b) if (! isOperator (infin[i]) { postfin[j] = infin[i]



Main function for 1st code: void main () { int ch = -1 while (ch!= 0) { perint (Euter: In1: push m 2: pop In 3: display In O: evit program "); samy ("/d", lch); Switch (ch){ Case 1: push (); break; Case 2: pop (); break; Cax 3: display (); brick; Case o : print!" The program is terminating"); break default: faint ["invalid input"); Output 2) The jusin Euforession is: A+B * C-D The postfin Expression is:

