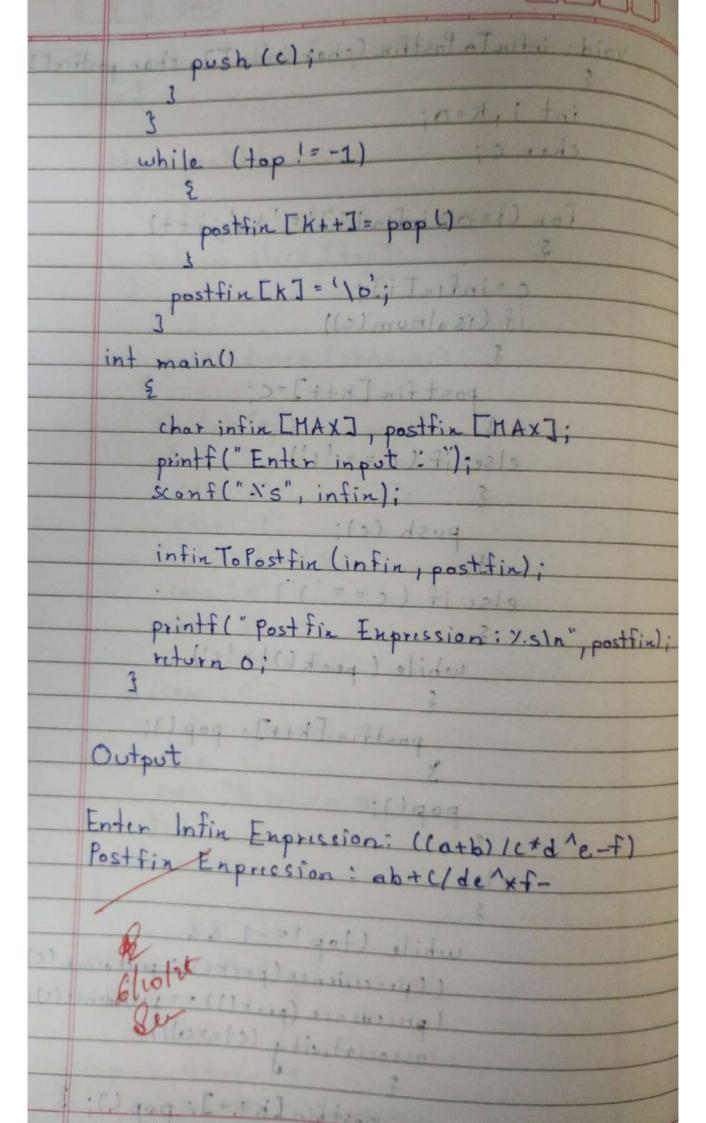
	LAB Program (Infin to Postfin) Date 6 10 25		Page No.
	line character operands and the binary operators +, -, * and /.	Step 8	on encountering the end of input papend print all the element of the stack. STOP Program #include (stdio.h)
	# include (stdio.h) #define \ loo int stack[\lambda]; int top=-1		# include < string. h> # define MAX 100 char stack [MAX]; int top = -1;
step 1 step 2 step 3	Algorithm START Input a string from user check the first character of the string, if it is a variable push it into the stack		void push (char c) { if (top = = MAX-1) { printf ("Steck Overflow \n"); 3
step 5	else if the character is a left porenthesis push it into the stack if the character is on operand then check if the top of stack is higher priority, if the top is of higher priority then push otherwi rop and print the top and check for priority again, for some priority use associative law if the character is a right bracket then	1	stack [++top]= Gi Stack [++top]= Gi
	pop and print the element of stacks until the left parts of bracket is found	1	printf(" Stack Underflowla"); return -1;

Page No.	
0000	No. No.
return stack [top];	void infinto Postfix (char infint) char postfic[])
The second secon	§ Char postfie[7]
The state of the Burkels of Heatman	inti, K=O;
char peckli	char C;
c '	
if (top = = -1) return -1; return stack [top];	for (i=0; infin[i]!= '\0'; i++)
return stack [top];	¥
	c=infin Lily Infinite
da militar abulant	if (is alnom(c))
int precendence (chorrop)	1 Francisco
& Cd galles shelmitt	postfin[k++]=C;
switch (op)	else if (c== '(')
cose '+': SEXAMI socia rado	5
case '-1':	
return 1;	push (c);
cose 'x': la rodal dans how	else if (c==')")
cose '1':	Control of the Francisco Francisco Control
return 2: 1- PAM == gold 71	while (peck()!='(')
cose 'A':	•
return 3; 12 than	postfin[k++]: pop();
case ((':	3
case & return of	from him Engravion (1902) 1013 of
- 3	Control Caption Control
return -1;	else de la companya d
Jag rod box	1 11 15-1 88
	((precedence (peck()) > price dence (c))
int associativity (char op)	(precedence (peck()) == precedence(c) d4
if lope=in'd	associativity (c)==011)
	S S S S S S S S S S S S S S S S S S S
return 0;	postfin[k++]=pop(); 3
1	

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Enter Infix Expression: ((a+b)/c*d^e-f)
Postfix Expression : ab+c/de^*f-

Process returned 0 (0x0) execution time : 28.549 s Press any key to continue.