Lab program WAP to connect a given valid parce parenthe sized infix arithetic expression to postfix expression. The expression consists of single character operands and the binary operatory t (plus), - (miny), & (multiply) and (chuich) It include Estdio.h # include < streng. b) int F (char symbol switch (symbol) case '+': Case '-'; retwen 2; Case 1 \* ! case 1/: not wen 4; case '1' case '\$': reet arn 5; case 'C': return 0: case '#': return -1: default : returns.

G (char symbol) switch (symbol) case '-'; jeetwen 1; cose 1/1; recturen 3. case '4': retwin 6; case 'C': recturn 9; case ): sectiono; default; reetwent! Void infix postfix (char infix [], char postfield ent top, i, j; char S[30], symbol; top=-1; S[++top]= \#';

for (i=0; i < struly (infix); i++) symbol = infix [i].
while (F(s[top])> G(symbol)) CF(SS+ob])! = G(symbol) S[++tob] = symbol;char poetfix [20];
print of ("Enter the valid infix expression \n");

