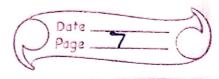
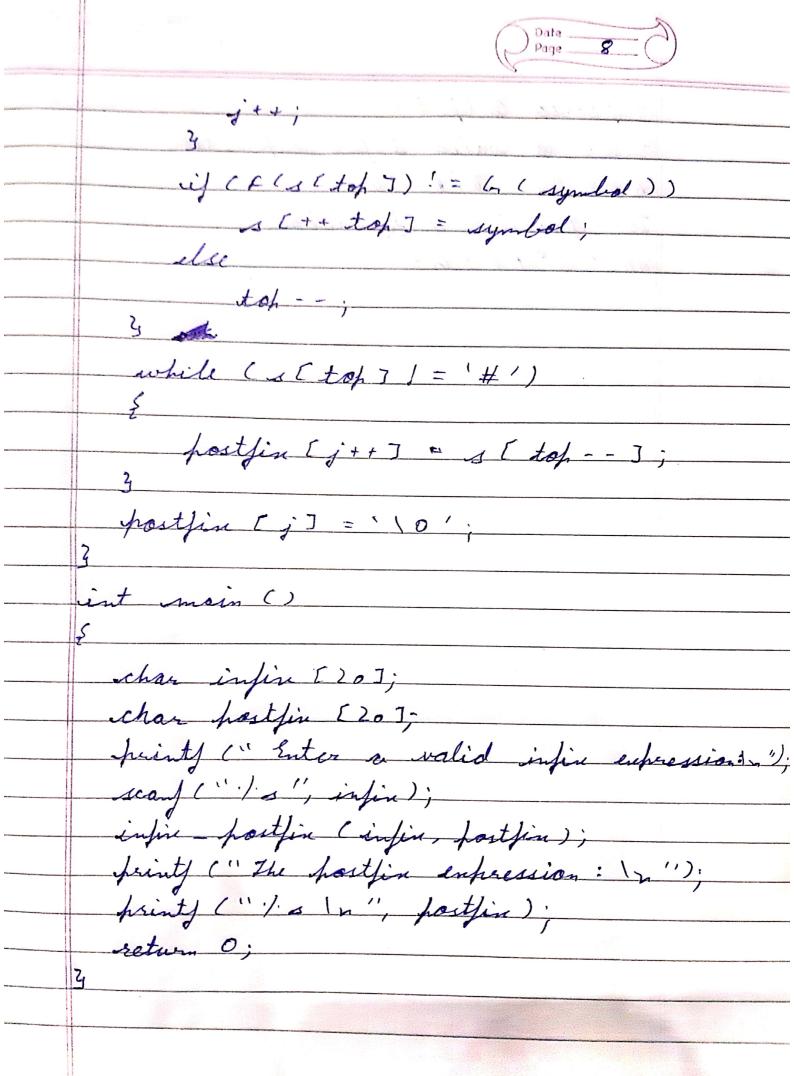
Shreshtha Aggarwal

1BH19(5155 Date Page 6 9-10-20 Tab 3 do WAP to convert a given valid pare-thesized infix sixthmetic supression to postfix Infression. The enpression consists of single character operands and the lanary operators +, -, * and / Sol # include < stdio. h> # include = string.h>
int f (char syambol)
s switch (symbol) E case '+': case '=' return ?; case '*1: case '/': return 4; case's return 5; case ' ! return 0; case #1: return -1; default : return 8; int (char symbol) switch (symbol)



· scase + : ease'-': return! lase + ': case ! return 3; case '1': case ! return 6; case (return 9; case i return 0; 3 default : return 7; word infin postfix (char infin [], char post int top, i, j; char s [30], symbol; top = -1; s[++ top]= '#1; Joa (i = 0; i < strles (infin); i++) symbol = infin [i];
while (F(s(top]) > G(symbol))
} fostfin [j] = s [top --],



Enfected Output:

Enter a valid infin enfression:

A + B ^ (* D / F - 67

The postfin impression:

AD(^ D * F / + 6 -