DSA ASSIGNMENT 3

Note: For both questions, write all the steps

Fig.1.

Current symbol scanned	Content of the stack	Intermediate result

Q1) Convert the infix expression **A + ((B - C) * (D - E) + F)** to its equivalent postfix by filling the structure given in Fig.1.   -3M

Fig 2.

Current symbol scanned	Content of the stack

Q2) Evaluate the prefix expression **+ + A * + B C C * D B** given A = 6, B = 2, C = 3, and D = 8 by filling the structure given in Fig.2.   -2M