**OUTPUT:-**

Enter 1 for infix to postfix.

Enter 2 for infix to prefix.

Enter 3 for evaluating postfix.

Enter 4 for evaluating prefix.

Enter 5 to exit.

1

Enter the infix array.

A + B / C \* ( D - E) ^ F

The postfix array is : A B C / D E- F^\*+

Enter 1 for infix to postfix.

Enter 2 for infix to prefix.

Enter 3 for evaluating postfix.

Enter 4 for evaluating prefix.

Enter 5 to exit.

2

Enter the infix array.

A + B / C \* ( D - E) ^ F

The prefix array is : +A \*/ B C ^ - D E F

Enter 1 for infix to postfix.

Enter 2 for infix to prefix.

Enter 3 for evaluating postfix.

Enter 4 for evaluating prefix.

Enter 5 to exit.

3

Enter the postfix array.

5 3 2 / 3 2 - 2 ^ \* +

The evaluated value is : 6

Enter 1 for infix to postfix.

Enter 2 for infix to prefix.

Enter 3 for evaluating postfix.

Enter 4 for evaluating prefix.

Enter 5 to exit.

4

Enter the prefix array.

+ 5 \* / 3 2 ^ - 3 2 2

The evaluated value is : 6

Enter 1 for infix to postfix.

Enter 2 for infix to prefix.

Enter 3 for evaluating postfix.

Enter 4 for evaluating prefix.

Enter 5 to exit.

5