**OUTPUT:-**

Enter 1 to push an element.

Enter 2 to pop an element.

Enter 3 to display elements in stack.

Enter 4 to convert postfix to infix.

Enter 5 to exit.

1

Enter the character to be inserted.

3

Enter 1 to push an element.

Enter 2 to pop an element.

Enter 3 to display elements in stack.

Enter 4 to convert postfix to infix.

Enter 5 to exit.

1

Enter the character to be inserted.

5

Enter 1 to push an element.

Enter 2 to pop an element.

Enter 3 to display elements in stack.

Enter 4 to convert postfix to infix.

Enter 5 to exit.

1

Enter the character to be inserted.

a

Enter 1 to push an element.

Enter 2 to pop an element.

Enter 3 to display elements in stack.

Enter 4 to convert postfix to infix.

Enter 5 to exit.

3

The elements of the stack are : a 5 3

Enter 1 to push an element.

Enter 2 to pop an element.

Enter 3 to display elements in stack.

Enter 4 to convert postfix to infix.

Enter 5 to exit.

2

Enter 2 to delete an element.

The deleted element was a.

Enter 1 to push an element.

Enter 2 to pop an element.

Enter 3 to display elements in stack.

Enter 4 to convert postfix to infix.

Enter 5 to exit.

3

The elements of the stack are : 5 3

Enter 1 to push an element.

Enter 2 to pop an element.

Enter 3 to display elements in stack.

Enter 4 to convert postfix to infix.

Enter 5 to exit.

4

Enter the postfix array.

efg-+he-sh-o+/\*

The required infix string is : ( ( e + ( f - g ) ) \* ( ( h - e ) / ( ( s - h ) + o ) ) )

Enter 1 to push an element.

Enter 2 to pop an element.

Enter 3 to display elements in stack.

Enter 4 to convert postfix to infix.

Enter 5 to exit.

5