INFIX TO POSTFIX

İşlem	Stack	Postfix
!	!	—
(	!(	—
A	!(	A
88	!(88	A
↑	!(88!	A
(	!(88!(	A
(	!(88!((	A
B	!(88!((	AB
∠	!(88!((∠	AB
C	!(88!((∠	ABC
)	!(88!((∠)	AB∠∠
||	!(88!(||	ABC∠
(	!(88!(||(	ABC∠
C	!(88!(||(	ABC∠∠
>	!(88!(||(>	ABC∠∠
D	!(88!(||(>	ABC∠∠CD
)	!(88!(||(>)	ABC∠∠CD>
)	!(88!(||)	ABC∠∠CD>||
)	!(88!)	ABC∠∠CD>||!88
||	!||	ABC∠∠CD>||!88!
(	||(	ABC∠∠CD>||!88!
C	||(	ABC∠∠CD>||!88!C
∠	||(∠	ABC∠∠CD>||!88!C
E	||(∠	ABC∠∠CD>|||88!CE
)	||(∠)	ABC∠∠CD>||!88!CE∠
—		

Cevap: ABC∠∠CD>||!88!CE∠||

INFIX TO PREFIX -1

1) Aşama: iFade tersten yazılır.

) E < C ((I I))) D > C (I I) C < B ((! 88A (!

2) Aşama: parantezleri ters çeviriyoruz.

(E < C)) I I (((D > C) I I (C < B)) ! 88A)

İşlem	stack	Postfix
C	C	
E	C	E
<	(<	E
<	(<	EC
)	(<)	EC<
‖	‖	EC<
L	‖C	EC<
L	‖CC	EC<
C	‖CCC	EC<
D	‖CCC	EC<D
>	‖CCC>	EC<D
C	‖CCC>	EC<DC
)	‖CCC>)	EC<DC>
‖	‖CC‖	EC<DC>
L	‖CC‖L	EC<DC>
L	‖CC‖C	EC<DC>C
<	‖CC‖C<	EC<DC>C
B	‖CC·‖C<	EC<DC>C
)	‖CC‖(C<)	EC<DC>CB
)	‖CC‖)	EC<DC>CB<
!	‖C!	EC<DC>CB<‖
88	‖C!88	EC<DC>CB<‖
A	‖C(!88)	EC<DC>CB<‖‖
)	‖(88)	EC<DC>CB<‖! A88
!	‖!	EC<DC>CB<‖! A88

EC<DC>CB<‖! A88!‖

| 4. Aşama | Bulunan posfix ifadeyi ters çevir. |

Prefix
_____

| | ! 88 A ! | | < B C > C D < C E |