Infix: (A + B) *C - D + F

Prefix: -*+ABC+DF

- 1. Reverse the input (scan it from right to left) & revert the parenthesis F + D C * (B + A)
- 2. Put entire expression in parenthesis (F + D C * (B + A))
- 3. Apply the same rule of conversion as for infix to postfix, then reverse the obtained expression.

Symbol Scanned	Stack	Expression
((
F	(F
+	(+	F
D	(+	FD
-	(-	FD+
С	(-	FD+C
*	(-*	FD+C
((-*(FD+C
В	(-*(FD+CB
+	(-*(+	FD+CB
Α	(-*(+	FD+CBA
)	(-*	FD+CBA+
)		FD+CBA+*-
_		

FD+CBA+*-Now, reverse it: -*+ABC+DF