A
B
C
D
E
F

A
B
C
D
E
F

Pop F

A
B
C
D
E

A
B
C
D
E
F

A
B
C
D
E
F

Pop

B
C
D
E
F

A
B
C
D
E
F

Pop C)

A
B
C
D
E
F

Pop F

A
B
C
D
E

Pop E

A
B
C
D

Pop D

A
B
C

Pop C

A
B

Pop B

A
B

Pop A

A

A
B
C
D
E
F

Vall

F

Append F

F
E

Append E

F
E
D

Append D

F
E
D
C

Append C

F
E
D
C
B

Append B

F
E
D
C
B
A

Append A

EX 3.

1. A + B

Infix	Stack	Postfix
A + B	Empty	Empty
+ B	Empty	A
B	+	A
Empty	+	AB
Empty	Empty	AB +

2. A - B

Infix	Stack	Postfix
A - B	Empty	Empty
- B	Empty	A
B	-	A
Empty	-	AB
Empty	Empty	AB -

3. A * B

Infix	Stack	Postfix
A * B	Empty	Empty
* B	Empty	A
B	*	A
Empty	*	AB
Empty	Empty	AB*

4. (A+B)*C

Infix	Stack	Postfix
(A+B)*C	Empty	Empty
A+B)*C	(	Empty
+B)*C	(	A
B)*C	(+	A
)*C	(+	AB
*C	(+)	AB+
C	*	AB+
Empty	*	AB+C
Empty	Empty	AB+C*

5. A*(B+C)

Infix	Stack	Postfix
A*(B+C)	Empty	Empty
*(B+C)	Empty	A
(B+C)	*	A
B+C)	(*	A
+C)	(*	AB
c)	(* +	AB*
)	(+	AB*C
Empty	(+)	AB*C
Empty	Empty	AB*C +