गायअवयायश्चार्धियां ६

คงแสดงวิธีการแปลง infix เป็น postfix โดยใช้ stack

```
2. a*b-c*d+e-f+g*h
 1. a+b-c * d/e-f+g*h
                                                  a
                                       a
             П
                    a
        0.
                                             *
             出
                                             *
                   ab
             1+1
                                             [x]
                                                   ab
                   ab
             [7]
                                                   abc
                                                  abc
                   abc
                                             *
                                                  abcd
                   abc
                                             支
                                                  abcd
                                       +
                   abcd
        d
                                            | # |
                                       e
                                                  abode
                   abcd
                                                  abcde+*-*
                                             1-1
       e
                   abcde
                   abcde/*-+
                                            1-1
                                                  abcde+*-*f
        f
                   abcdel *-+f
                                            1±1
                                                  abcde+*-*f
       +
             1 + |
                   abcdel*-+f
                                                  abcde+ *- * fq
                                            [+]
                   abcdel +-+fg
             ±
                                            1±1
                                                  abcde+*-*fg
                   abcde/*-+fg
             111
                   abcde/*-+fgh
abcde/*-+fgh*+-
                                                  abcde+*-*fgh
abcde+*-*fgh*+
3. a+b*c*d/(e*f)*g+h
                                  4. a+b-cc *d)-e-f+9-h
                   a
                                                  a
             1+1
                                       +
                   a
                                             4
                                                  a
                                       b
                                             4
                                                  ab
                   ab
             [+]
                                                  ab
             *
                   ab
                                       (
                                             101
                                                  ab-+
                   abc
                                             1
                                                  abc
             1
                   abc
                                            [2]
                                                  abc
             +
                   abcd
      d
                                       d
                                                  abcd
                   abcd
                                                  abcd
                   abcd/**+
             10
      (
                                                  abcd*
                  abcd/**+e
             101
                                                  abcd*e
      e
                   abcd /**+e
             1
                                                  abcd*e
                   abcd/**+cf
                                            =
             11
                                                  abcd*ef
                   abcd 1 * * + ef
                                                  abcd*ef
                                      +
                                            ± ]
                   abcd/**+ef*
                                            =
             *
                                                  abcd*efg
                   abcd1**+ef*g
                                            且
             *
                                                  abcd*efq
                                                  abcd*efgh
                   abcd1 * * + ef * 9
                                            土
             [*]
                   abcd/**+ef*gh
abcd/**+ef*gh+*
                                                   abcd efgh-+
```

```
6. alb * C*d * (e-f)+gh
J. a+(b+c)*d/e+f/g*h
                                                  a
                                   a
      11
 a
              a
                                          1/1
                                                  a
      +
             a
 +
                                                  ab
      1
                                          111
 (
              a+
       11
              a+b
                                          *
                                                  ab
 b
                                   ¥
      11
             a+b
                                          *
 +
                                   C
                                                  abc
       1 1
             a+bc
 d
                                                  abc
              a+bc
                                   d
                                          13
 )
                                                  abcd
                                           **
 *
                                                  abcd
       *
              a+bc+
                                   *
 d
       *
             a+bc+d
                                                  abcd ***/
                                   (
                                           (
             a+bc+d
                                                  abcd***/e
                                   e
                                           ( )
       1
 t
             a+bc+de
                                                  abcd *** le
 +
             a+bc+ de
                                   f
                                                 abcd ***/ef
                                          []
 f
             a+bc+det
       シスノシス
                                   )
             a+bc+def
                                          151
                                                 abcd***/ef
 1
 9
                                   +
                                          4
                                                  abcd***/ef-
             a+bc+defq
                                   9
                                          4
             a+bc+defg
                                                  abcd * ** /ef-q
 *
                                          L
                                   ٨
                                                 abcd *** /ef-9
             a+bc+ defgh
 h
             a+bc+defgh*/+/*
                                          L
                                   h
                                                 abcd ***/ef-gh
                                                 abcd *** /ef-gh ^+
7. (a^b)/c*dle-f+g+h
                                8. a*b^c* ((d-e)-f)*g-h
                                                  a
       ()
                                          (
                                   a
                                          *
                                                  a
                a
                                    *
       (
 a
                                          *1
                                    b
                                                  ab
        لثا
                a
 ٨
                                          اغد
                                                  ab
                                    ٨
                ab
        131
 b
                                          اعما
                                    C
                                                  abc
        [3]
                ab
  )
                                    *
                                                  abc
                                    (
                                                  abc**
  1
                ab1
        1
                ab'c
 d
                                                  abc*^*
                                    (
         1
        走
                ab^c
                                                  abc* ^*d
                                    d
  *
                                                  abc*1*d
        17
                ab'cd
 d
                                                  abc*1* de
                                    e
        1/2
                ab'cd
 1
                                    )
                                                  abc*^*de
                 ab^cde
 e
        131
                                                   abc*n*de-
                 ab'cde/*/
  _
                                   t
                                                   abc*n*de-f
                                          1-1
                 ab'cdel*If
  f
                                                   abc*^*def
                                         131
                                   )
                ab'cde 1 */f
                                                   abc*^*de-f
        | ± |
  +
                                   ¥
                                         *
                                                   abc*1* de-f-g
  g
        ±1
                ab'cde/*/fg
                                   9
                                         *
                                                   abc* "de-f-g
                                         *
        [ ± ]
                ab^cde/*/fg h
                                                  abc*1 de-f-gh
                                   H
                                         1-1
        =
                                                  abc***de-f-gh*-
                ab'cdel*/fgh++-
```

```
9. a+b-c^((d-e)-f)*(g-h) 10. a(cb+c) *(d+(e+f)) ^g+h
                                          W
                                                a
                                  a
        a
 a
                                          1
                                  1
                                                a
        4
              a
                                          151
                                                a
             ab
        4
 b
                                          5
                                                ab
        1
             ab
 C
                                                ab
                                          [3]
       [F]
              abc
        金
 Λ
              abc
                                                abc
                                  C
                                          17/
 (
       LU
              abc^=+
                                                abc-
                                  )
(
       []
             abc -+
                                                abc
d
       [
             abc^-+d
                                                 abc*+1
       13
             abc^-+d
                                                 abc*+1d
                                  d
       []
             abc^-+de
9
                                          المال
                                                abc*+1d
        ) )
             abc^-+de
                                                abc+1d
)
                                                 abc + 1 de
       t
                                          الما
             abc^-+de-
f
                                                 abc*+/de
             abc'-+de-f
                                          [
                                   t
)
                                                 abc*+/def.
            abc'-+de-f
*
                                   )
            abc^-+de-f-
       *
                                                 abc*+1def
                                          E
(
       6
                                  )
                                                abc*+1def
             abc^-+de-f*
       1
g
             abc^-+de-f*9
                                          MM
                                  ٨
                                                abc*+ldef++
                                  9
             abc'-+de-f*9
                                                 abc + 1 def++9
      1021
h
             abc'-+de-figh
                                  +
                                         1
                                                 abc*/def++9
)
             abc'-+de-f*gh
                                                 abc*/def++gh
                                 h
                                         太
            abc^-+de-f*gh-
                                                 abc*/def++gh+1
```