|  |  |  |  |
| --- | --- | --- | --- |
| Scanning Symbol | Operation on stack | Stack Status | Postfix Expression |
| K | - |  | K |
| + | Push + | + | K |
| L |  | + | KL |
| - | pop +,push - | - | KL+ |
| M |  | - | KL+M |
| \* | Push \* | * \* | KL+M |
| N |  | -\* | KL+MN |
| + | Pop\*,POP- push+ | + | KL+MN\*- |
| ( | Push ( | +( | KL+MN\*- |
| O |  | +( | KL+MN\*-O |
| ^ | Push ^ | +(^ | KL+MN\*-O |
| P |  | +(^ | KL+MN\*-OP |
| ) | POP ^,Delete ( | + | KL+MN\*-OP^ |
| \* | Push \* | + \* | KL+MN\*-OP^ |
| W |  | +\* | KL+MN\*-OP^W |
| / | Pop \* push / | +/ | KL+MN\*-OP^W\* |
| U |  | +/ | KL+MN\*-OP^W\*U |
| / | Pop / push / | +/ | KL+MN\*-OP^W\*U/ |
| V |  | +/ | KL+MN\*-OP^W\*U/V |
| \* | Pop / push \* | + \* | KL+MN\*-OP^W\*U/V/ |
| T |  | + \* | KL+MN\*-OP^W\*U/V/T |
| + | Pop \* POP +,push + | + | KL+MN\*-OP^W\*U/V/T\*+ |
| Q |  | + | KL+MN\*-OP^W\*U/V/T\*+Q |
|  | Pop + |  | KL+MN\*-OP^W\*U/V/T\*+Q+ |