

|       | 輸入                        | 輸出  |
|-------|---------------------------|---|
| 基本功能： |                           |   |
| 1.    | $1+2-(6+1)*9/3$           | The postfix expression: 1261+9*3/-+<br>= -18                              |
|       | $(3+5)/2+1-4$             | The postfix expression: 35+2/1+4-<br>= 1                                  |
|       | (按 Esc 停止程式的執行)           | (程式結束執行)  |
| 2.    | $1+2+3+4+5+6+7+8+9+10+11$ | Error - line contains more characters than allowed.                       |
| 3.    | $1+A$                     | Illegal character   |
| 4.    | 23                        | Illegal operand   |
| 5.    | $+3*4$                    | First character an operator"  |
| 6.    | $3+4*$                    | Last character an operator  |
| 7.    | $2+(2/4)5$                | Right parenthesis followed by an identifier                               |
| 8.    | $3+2*/$                   | Operator followed by an operator  |
| 9.    | $1+3*(/4)$                | Left parenthesis followed by an operator                                  |
| 10.   | $3(3+1)$                  | Identifier followed by a left parenthesis                                 |
| 11.   | $2+(3*5)(4/2)$            | Right parenthesis followed by a left parenthesis                          |
| 12.   | $4-3*(7+)$                | Operator followed by a left parenthesis                                   |
| 13.   | $1*3+()-4$                | Left parenthesis followed by a right parenthesis                          |
| 14.   | $1+(2-(3*(6/2)-4)/2)$     | Unmatched left parenthesis  |
| 15.   | $3+(2-(3*2)-4)/2)$        | Unmatched right parenthesis   |
| 加分功能： |                           |   |
| 16.   | $1+(-2)$                  | The postfix expression: 1(-2)+<br>= -1                                    |
|       | $4/(-2)+3$                | The postfix expression: 4(-2)/3+<br>= 1                                   |
|       | (按 Esc 停止程式的執行)           | (程式結束執行)  |
| 17.   | $28*(56-1)/7-23+3$        | The postfix expression: 28561-*7/23-3+<br>= 200(最多 4 位數，且 2、3、4 位數的側資都會有) |
|       | (按 Esc 停止程式的執行)           | (程式結束執行)  |