```
universityglaptop@universityglaptop in ~/Μαθήματα/Μεταγλωτιστές/Εργασία/Εργασία fortran/Συντακτικός Αναλυτής took 53ms
λ bison -d -v syntax.y
syntax.y: warning: 63 shift/reduce conflicts [-Wconflicts-sr]
syntax.y: note: rerun with option '-Wcounterexamples' to generate conflict counterexamples
```

Από το αρχείο ανάλυσης της γραμματικής που παράγει το bison (με επιλογή “–v”) δηλαδή το αρχείο “syntax.output” και εφόσον έχουμε χρησιμοποιήσει τον δεύτερο τρόπο υλοποίησης δηλαδή μετασχηματίζοντας τη γραμματική σε μη διφορούμενη έχουμε:

```
universityglaptop@universityglaptop in ~/Μαθήματα/Μεταγλωτιστές/Εργασία/Εργασία fortran/Συντακτικός Αναλυτής took 5ms
λ cat syntax.output
```

```
State 90 conflicts: 7 shift/reduce
State 91 conflicts: 7 shift/reduce
State 130 conflicts: 7 shift/reduce
State 131 conflicts: 7 shift/reduce
State 132 conflicts: 7 shift/reduce
State 133 conflicts: 7 shift/reduce
State 134 conflicts: 7 shift/reduce
State 135 conflicts: 7 shift/reduce
State 136 conflicts: 7 shift/reduce
```

```
universityglaptop@universityglaptop in ~/Μαθήματα/Μεταγλωτιστές/Εργασία/Εργασία fortran/Συντακτικός Αναλυτής took 5ms
λ cat syntax.output
```

```
State 90

   62 expression: expression • "or" expression
   63           | expression • "and" expression
   64           | expression • "> or >= or < or <= or !=" expression
   65           | expression • "+ or -" expression
   66           | expression • "*" expression
   67           | expression • "/" expression
   68           | expression • "**" expression
   69           | "not" expression •

    "or"                       shift, and go to state 94
    "and"                      shift, and go to state 95
    "> or >= or < or <= or !="  shift, and go to state 96
    "+ or -"                   shift, and go to state 97
    "*"                        shift, and go to state 98
    "/"                        shift, and go to state 99
    "**"                       shift, and go to state 100

    "or"                       [reduce using rule 69 (expression)]
    "and"                      [reduce using rule 69 (expression)]
    "> or >= or < or <= or !="  [reduce using rule 69 (expression)]
    "+ or -"                   [reduce using rule 69 (expression)]
    "*"                        [reduce using rule 69 (expression)]
    "/"                        [reduce using rule 69 (expression)]
    "**"                       [reduce using rule 69 (expression)]
    $default                   reduce using rule 69 (expression)
```

```
State 91

   62 expression: expression • "or" expression
   63           | expression • "and" expression
   64           | expression • "> or >= or < or <= or !=" expression
   65           | expression • "+ or -" expression
   66           | expression • "*" expression
   67           | expression • "/" expression
   68           | expression • "**" expression
   70           | "+ or -" expression •

    "or"                       shift, and go to state 94
    "and"                      shift, and go to state 95
    "> or >= or < or <= or !="  shift, and go to state 96
    "+ or -"                   shift, and go to state 97
    "*"                        shift, and go to state 98
    "/"                        shift, and go to state 99
    "**"                       shift, and go to state 100

    "or"                       [reduce using rule 70 (expression)]
    "and"                      [reduce using rule 70 (expression)]
    "> or >= or < or <= or !="  [reduce using rule 70 (expression)]
    "+ or -"                   [reduce using rule 70 (expression)]
    "*"                        [reduce using rule 70 (expression)]
    "/"                        [reduce using rule 70 (expression)]
    "**"                       [reduce using rule 70 (expression)]
    $default                   reduce using rule 70 (expression)
```

```
universityglaptop@universityglaptop in ~/Μαθήματα/Μεταγλωτιστές/Εργασία/Εργασία fortran/Συντακτικός Αναλυτής took 13ms
λ cat syntax.y
```

```
%left T_OROP
%left T_ANDOP
%nonassoc T_NOTOP
%nonassoc T_RELOP
%left T_ADDOP
%left T_MULOP T_DIVOP
%right T_POWEROP
%left T_LPAREN T_RPAREN T_COLON
```