

Print Reports 3
*** Compilers 31/7/76

```

    let OutputSymbol[C] be
    §OS
    switchon TypePart[C] into
5      §s
        case NAME:
            OutputName[ValPart[C]]
            endcase

10      case NUMBER:
            OutputNumber[ValPart[C]]
            endcase

        case STRING:
15      OutputString[ValPart[C]]
            endcase

        case CHARACTER:
20      OutputCharacter[ValPart[C]]
            endcase

        case SECTBRA:
            OutputSectBra[ValPart[C]]
            endcase
25

        case SECTKET:
            OutputSectKet[ValPart[C]]
            endcase

30      case ASS:
            WriteS[':=']
            endcase

        case COLON:
35      Write[':']
            endcase

        case COMMA:
            Write[' ','']
40      endcase

        case COND:
            Write['<→']
            endcase
45

        case DIV:
            Write['/']
            endcase

50      case EQ:Write['=']
            endcase

        case EQV:
            Write['=']
55      endcase

        case GE:Write['>']
            endcase

60      case GT:Write['>']
            endcase
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65      case LE:Write['<']
           endcase

      case LOGAND:
           Write['^']
           endcase

70      case LOGOR:
           Write['v']
           endcase

      case LT:Write['<']
75           endcase

      case MINUS:
           Write['-']
           endcase

80      case MULT:
           Write['x']
           endcase

85      case NE:Write['≠']
           endcase

      case NEQV:
           Write['≠']
90           endcase

      case NOT:
           Write[' ']
           endcase

95      case PLUS:
           Write['+']
           endcase

100     case RBRA:
           Write['(']
           endcase

      case RKET:
105          Write[')']
           endcase

      case SBRA:
           Write['[']
110          endcase

      case SEMICOLON:
           Write[';']
           endcase

115     case SKET:
           Write['']
           endcase

120     case VECAP:
           WriteS['**']
           endcase

      case VECOP:
125          Write['↓']
           endcase

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```
130      case AND:
          WriteS['and']
          endcase

      case BE:WriteS['be']
          endcase

135      case BY:WriteS['by']
          endcase

      case BREAK:
          WriteS['break']
140          endcase

      case CASE:
          WriteS['case']
          endcase
145

      case DEFAULT:
          WriteS['default']
          endcase

150      case DO:WriteS['do']
          endcase

      case ENDCASE:
          WriteS['endcase']
155          endcase

      case FALSE:
          WriteS['false']
          endcase
160

      case FOR:
          WriteS['for']
          endcase

165      case GLOBAL:
          WriteS['global']
          endcase

      case GOTO:
170          WriteS['goto']
          endcase

      case IF:WriteS['if']
          endcase
175

      case IFNOT:
          WriteS['ifnot']
          endcase

180      case IFSO:
          WriteS['ifso']
          endcase

      case INTO:
185          WriteS['into']
          endcase

      case IS:WriteS['is']
          endcase
190

      case LET:
```

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        WriteS['let']
        endcase

195     case LOOP:
        WriteS['loop']
        endcase

200     case LSHIFT:
        WriteS['lshift']
        endcase

        case LV:WriteS['lv']
        endcase

205     case MANIFEST:
        WriteS['manifest']
        endcase

210     case OR:WriteS['or']
        endcase

        case REM:
        WriteS['rem']
        endcase

215     case REPEAT:
        WriteS['repeat']
        endcase

220     case REPEATUNTIL:
        WriteS['repeatuntil']
        endcase

225     case REPEATWHILE:
        WriteS['repeatwhile']
        endcase

        case RESULTIS:
        WriteS['resultis']
        endcase

230     case RETURN:
        WriteS['return']
        endcase

235     case RSHIFT:
        WriteS['rshift']
        endcase

240     case RV:WriteS['rv']
        endcase

        case STATIC:
        WriteS['static']
        endcase

        case SWITCHON:
        WriteS['switchon']
        endcase

250     case TABLE:
        WriteS['table']
        endcase

255     case TEST:

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        WriteS['test']
        endcase

260    case TO:WriteS['to']
        endcase

        case TRUE:
265            WriteS['true']
            endcase

        case UNLESS:
            WriteS['unless']
            endcase
270
        case UNTIL:
            WriteS['until']
            endcase

275    case VALOF:
            WriteS['valof']
            endcase

280    case VEC:
            WriteS['vec']
            endcase

        case WHILE:
285            WriteS['while']
            endcase

        case ENDBODY:
            WriteS['End of procedure declaration']
            endcase
290
        case ENDPROG:
            WriteS['End of text']
            endcase

295    default:WriteS['symbol *0', C]
        endcase

    $s
    $OS

300
    and OutputName[n] be WriteS['Name *'_S*', NameTable↓n]

    and OutputNumber[n] be
305    WriteS['Number *N', n ≤ 500 → n, NumberTable↓(n - 500)]

    and OutputString[n] be WriteS['*_S*', StringTable↓n]

310
    and OutputCharacter[n] be WriteS['*_C*', n]

    and OutputSectBra[n] be WriteS['$_S', n = 0 → '', NameTable↓n]
315
    and OutputSectKet[n] be WriteS['$_S', n = 0 → '', NameTable↓n]

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