```
procedure READ
        begin
            FOUND := FALSE
            if TOKEN = 8 {READ} then
                begin
                    advance to next token
                    if TOKEN = 20 { ( } then
                        begin
                            advance to next token
                            if IDLIST returns success then
                                if TOKEN = 21 { ) } then
                                    begin
                                        FOUND := TRUE
                                        advance to next token
                                    end {if ) }
                        end {if ( }
                end {if READ}
            if FOUND = TRUE then
                return success
            else
                return failure
        end {READ}

procedure IDLIST
        begin
            FOUND := FALSE
            if TOKEN = 22 {id} then
                begin
                    FOUND := TRUE
                    advance to next token
                    while (TOKEN = 14 {,}) and (FOUND = TRUE) do
                        begin
                            advance to next token
                            if TOKEN = 22 {id} then
                                advance to next token
                            else
                                FOUND := FALSE
                        end {while}
                end {if id}
            if FOUND = TRUE then
                return success
            else
              return failure
        end {IDLIST}
```

(a)

**Figure 5.16** Recursive-descent parse of a READ statement.