function PL-FC-ENTAILS?(*KB*, *q*) **returns** *true* or *false*
   inputs: *KB*, the knowledge base, a set of propositional definite clauses
         q, the query, a proposition symbol
   count ← a table, where *count*[*c*] is initially the number of symbols in clause *c*'s premise
   inferred ← a table, where *inferred*[*s*] is initially *false* for all symbols
   queue ← a queue of symbols, initially symbols known to be true in *KB*

   while *queue* is not empty **do**
      p ← POP(*queue*)
      if *p* = *q* **then return** *true*
      if *inferred*[*p*] = *false* **then**
         inferred[*p*] ← *true*
         for each clause *c* in *KB* where *p* is in *c*.PREMISE **do**
            decrement *count*[*c*]
            if *count*[*c*] = 0 **then** add *c*.CONCLUSION to *queue*
   return *false*