```
1: function closure(s)
2:     while s is still changing do
3:         for each LR(1) item [A → β · Cδ, a] ∈ s do
4:             for each production C → γ ∈ P do
5:                 for each b ∈ FIRST(δa) do
6:                     s ← s ∪ {[C → ·γ, b]}
7:                 end for
8:             end for
9:         end for
10:    end while
11: end function
```