```
function CURRENT-BEST-LEARNING(examples) returns a hypothesis

    H ← any hypothesis consistent with the first example in examples
    for each remaining example in examples do
        if e is false positive for H then
            H ← choose a specialization of H consistent with examples
        else if e is false negative for H then
            H ← choose a generalization of H consistent with examples
        if no consistent specialization/generalization can be found then fail
    end
    return H
```