

*Procedure* **PRODUCTION**

- 1  $DATA \leftarrow$  initial database
- 2 **until**  $DATA$  satisfies the termination condition, **do**:
- 3   **begin**
- 4     **select** some rule,  $R$ , in the set of rules  
          that can be applied to  $DATA$
- 5      $DATA \leftarrow$  result of applying  $R$  to  $DATA$
- 6   **end**