

*Monitor-Based Programs*

permanent variables  
procedure identifiers  
procedure call  
monitor entry  
procedure return  
**wait** statement  
**signal** statement  
procedure bodies

*Message-Based Programs*

local server variables  
**request** channel and operation kinds  
**send request(); receive reply**  
**receive request()**  
**send reply()**  
save pending request  
retrieve and process pending request  
arms of case statement on operation kind

**Table 7.1** Duality between monitors and message passing.