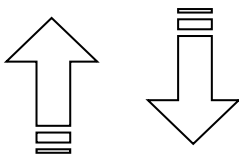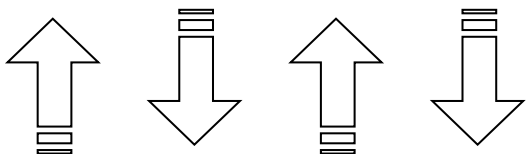**Application**

Application Programming

Publish Subscribe Middleware

Operating System Network Interface