**Deployment diagram**:

A component is a physical piece of implementation of a system, such as a module of software code. Components can be connected to other components through interfaces. A component diagram is a diagram that shows the organization and dependencies among component types.

When components are used in a system, they are deployed as component instances. A deployment diagram shows the component instances and the objects that are associated with them. Therefore, a deployment diagram shows instances of a component while component diagram shows component of object.

Before drawing a deployment diagram, the following artifacts should be identified −

* Nodes
* Relationships among nodes

Following is a sample deployment diagram to provide an idea of the deployment view of order management system. Here, we have shown nodes as −

* Monitor
* Modem
* Caching server
* Server

The application is assumed to be a web-based application, which is deployed in a clustered environment using server 1, server 2, and server 3. The user connects to the application using the Internet. The control flows from the caching server to the clustered environment.

