

Ex No: 7b	<b>DEPLOYMENT DIAGRAM</b>
Date : 13/09/2021	
Video Link:	

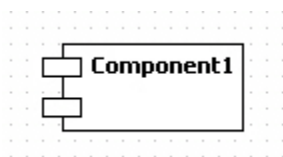
## OBJECTIVE

Deployment diagrams are another model in the implementation diagram category. The Deployment diagram models the hardware used in implementing a system and the association between those hardware components. Components can also be shown on a Deployment diagram to show the location of their deployment. Deployment diagrams can also be used early on in the design phase to document the physical architecture of a system.

## DESCRIPTION

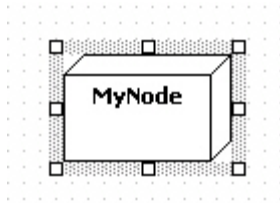
### Component

A component represents a software entity in a system. Examples include source code files, programs, documents, and resource files. On a deployment diagram, components are placed within nodes to identify their deployed location. A component is represented using a rectangular box, with two rectangles protruding from the left



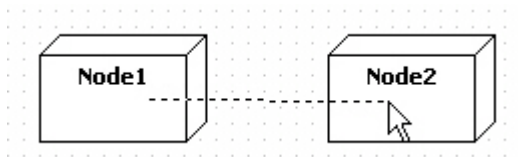
### Node

A node represents a piece of hardware in the system. This entity is represented by a three-dimensional cube



### Association

An association, drawn as a solid line between two nodes, indicates a line of communication between the hardware elements.



### ALGORITHM

Step 1: Identify the processors and devices used in the Deployment Diagram.

Step 2: The processors are connected according to the office set up.

Step 3: The association link is drawn with the messages.

Step 4: Terminate the process after completion.

### OUTPUT:

PASTE SEQUENCE DIAGRAM OF YOUR APPLICATION HERE

### RESULT:

The deployment diagrams are used in the implementation phase of software development to articulate the high level requirements of the system are drawn successfully.