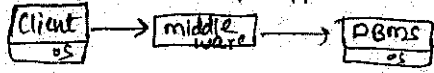01. <u>What is a software bug?</u>   (Assigning a value to the wrong variable).

→ A software bug is an error, flaw or fault in computer software that causes it to produce an incorrect or unexpected results. or to behave in unintended ways

* The process of finding and correcting bugs is termed "debugging", and often uses formal tehniques or tools to pinpoint bugs.

02. <u>What is Middle ware?</u>

→ Middle ware is a type of computer software that provides to software applicati beyond those available from the operating system. "<u>Software glue</u>".
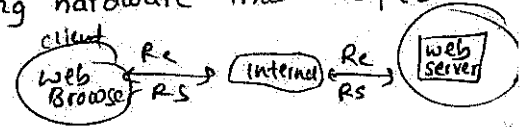
→ Middle ware is software that enables one or more kinds of communication or connectivity between two or more applications or application components in a distributed network.   + Application-specific   * information exchange + management & support.

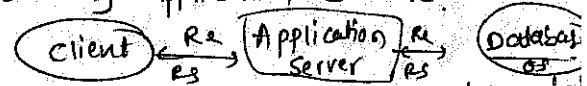03. <u>What is Web server?</u>   (A computer that runs websites).

→ A web server is computer software and underlying hardware that accepts requests via <u>HTTP</u> or it's secure variant 'HTTPS'.

04. <u>What is a Application server?</u>   (A type of server designed to install, operate & host servic

→ An application server is a server that hosts applications. Application server frameworks are software frameworks for building application servers.
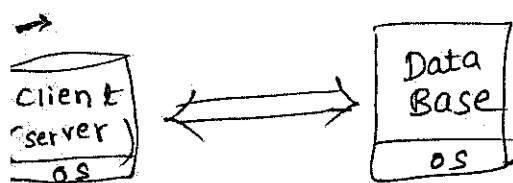

05. <u>What is a load Balancer?</u>   (reverse proxy to distribute network appl traffic)

→ In computing, load balancing refers to the process of distributing a set of tasks over a set of resources. with a aim making their overall processing more efficient
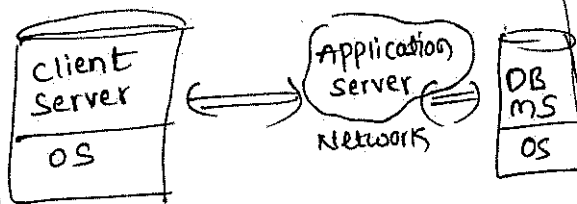
06.

2-Tier

* Client Server
* Database Server

3-Tier

Client ⟷ Application ⟶ Data Base

* Client Layer
* Business Layer
* Data Base Layer

n-Tier

* presentation Layer
* Application Layer — Busines Logical layer
* Data Layer

static web browser (image)(F.E)(CSS) | Dynamic web browser (Details)