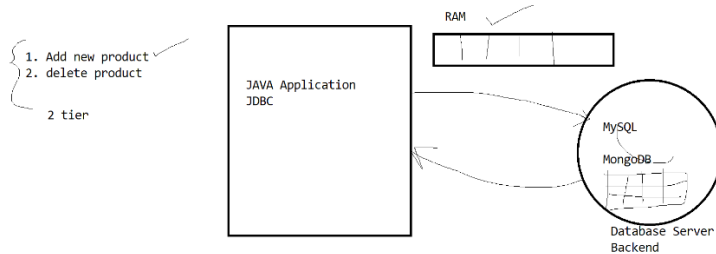


Types of Application

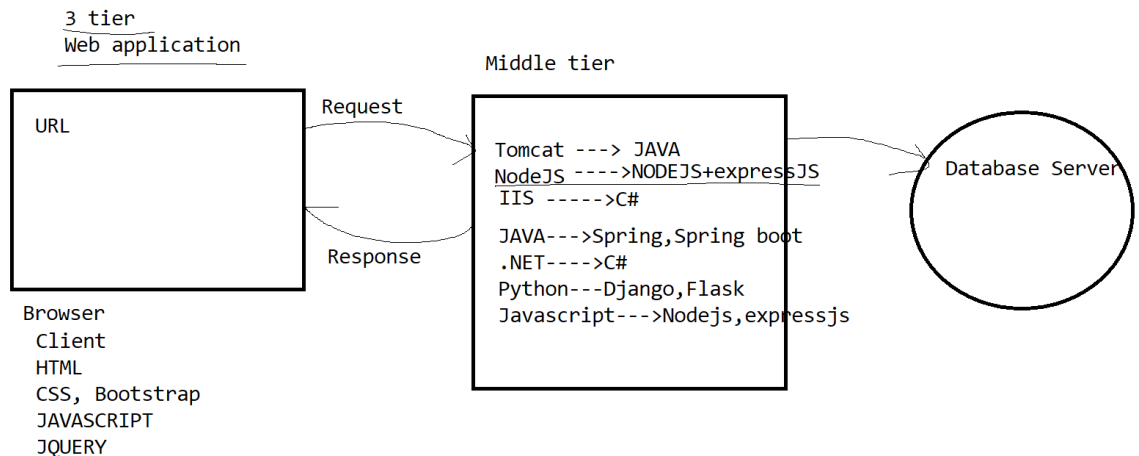
1. Desktop application

- Single user application
- And need to be installed on every individual machine



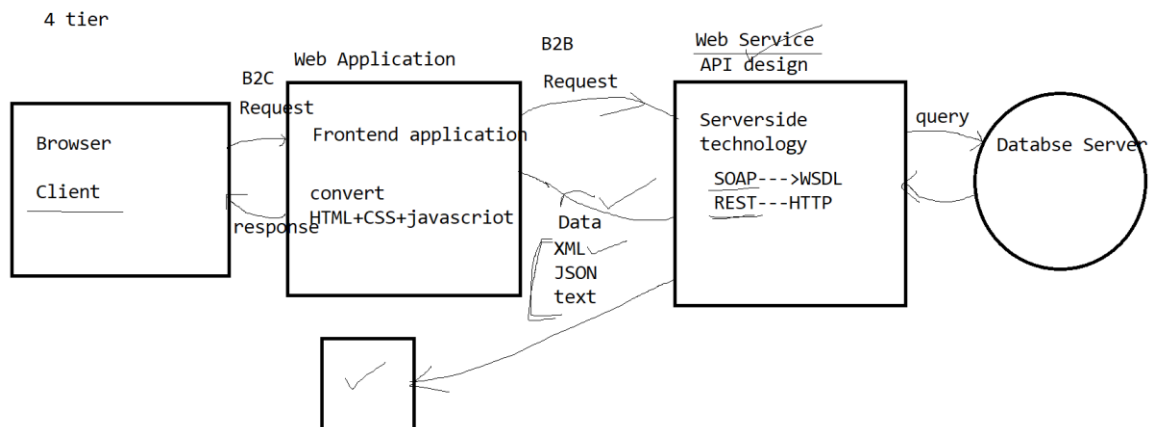
2. Web Application

- If the application is running on server, and it generates output in HTML, CSS, Javascript, JQuery, then it is Web Application
- It can be 3 tier application or it can be front end part of 4 tier application



3. Web services

- Any application runs on server, but return data, in either XML(extendible markup language), JSON(Javascript Object Notation), text, then it is called as Web Service
- We also call this as API(Application Interface) design



4. Mobile application

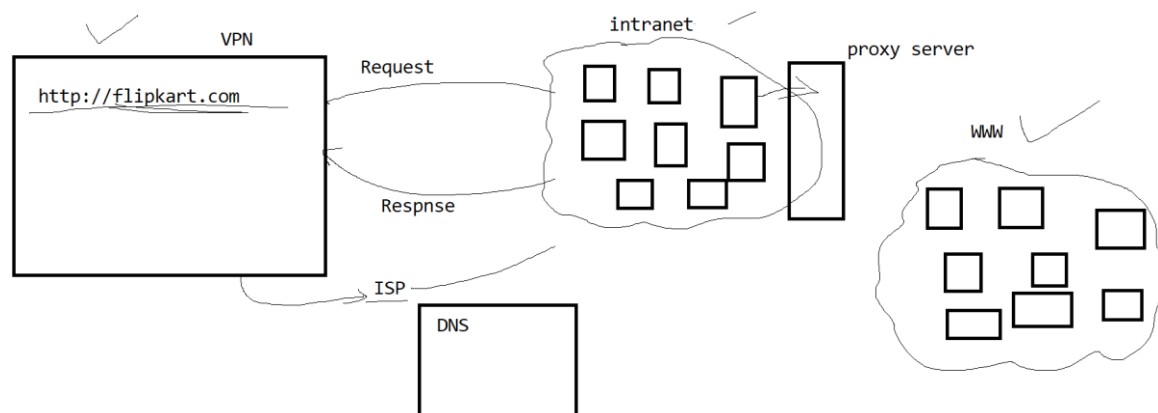
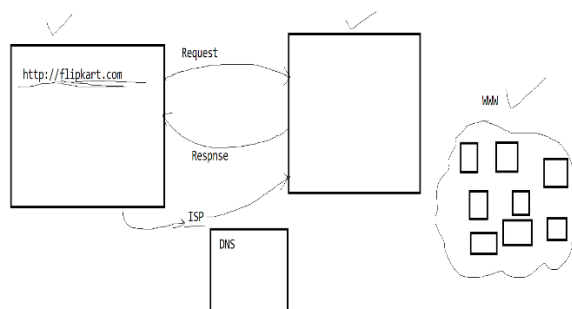
Proxy server----These servers are used in intranet, to get all requests from authorized users, validate those requests, and route it to appropriate server.

WWW--- world wide web, Is a network of servers, managed by group of companies, and these servers are available for 24/7

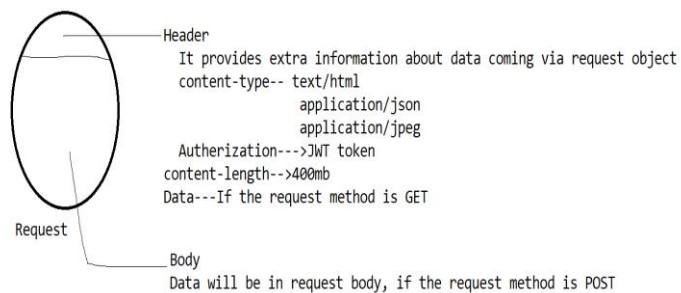
ISP----Internet Service Provider , It helps to connect your machines to WWW

DSN----Domain name server, These are managed by ISP, these server converts domain name into ip address

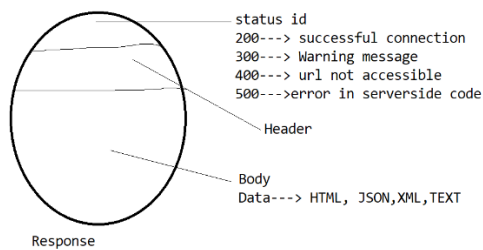
VPN-----Virtual Private Network, useful to connect to private intranets



Request



Response



HTML(Hypertext Markup Language)

TAGS-----<h1></h1>

Web application are designed as a group of web pages, every web page is one HTML file

Web pages are of 2 types

1. Static HTML--- is designed by using only HTML, tutorial site, news paper
2. Dynamic HTML---It is designed by using HTML,CSS,Javascript,JQuery

Header tags

6 header tags are in html, h1 to h6

url

file:///D:/Web%20programming/IACSD%20Mar%2025/headerdemo.html
Protocol://ip address:port/filename
http://localhost:5500/headerdemo.html

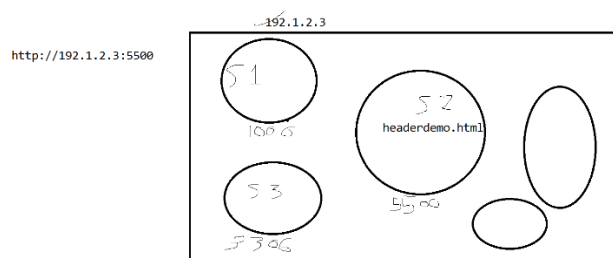
Visual studio code

Download and install from the following site

<https://code.visualstudio.com/download>

view>extension> install live server extension

view>explorer and then use go live to start html page



Header tags

There are 6 header tags	<h1> , <h2> , <h3> , <h4> , <h5> , <h6>
to display paragraph	<p>
to display logical division of the pages	<div>
to display inline text in div	
to maintain your formatting	<pre>
To display links, using links you may link 2 pages or you may link 2 sections of the pages	<a> the attributes <ol style="list-style-type: none"> 1. href->url of the page or value of some id to connect the page or the section 2. id->for unique identification 3. href=mailto:xxx@gmail.com to open blank mail
To display contents in the browser window	<body> attributes of body tag link-> default link color alink-> active link color vlink->visited link color bgcolor-background color text-> text color background-> background image
to display image	 attributes of img tag src-> name of the image file/ url of the image file width->image width height->image height vspace-> vertical space hspace->horizontal space border-> width of border to display border to the image style="float:left" to display image on left side and move the further part of page beside the image
to display lists in the page There are 3 lists in the page	<ol style="list-style-type: none"> 1. unordered list-> to display list items we use attributes in ul type-> disk,square,circle 2. Ordered list--> to display list items use type-> A,a,I,i

1. unordered list 2. ordered list 3. data list	start→number 2. data list -→ <dl> to display term --→ <dt> to display definition-→<dd>
to display table	<table>--to display table border→ 2px to show internal borders width→ how much screen area the table should occupy. cellspacing-→ gap between 2 cells cellpadding-→gap between cell border and the text bgcolor--- background color <tr>-→ table row align--→for horizontal alignment (left,center,right) valign-→for vertical alignment (top, center, bottom) bgcolor--- background color <th>-→ table heading align--→for horizontal alignment (left,center,right) valign-→for vertical alignment (top, center, bottom) bgcolor--- background color colspan -→ to merge the columns rowspan-→ to merge the rows <td>-→ table data align--→for horizontal alignment (left,center,right) valign-→for vertical alignment (top, center, bottom) bgcolor--- background color colspan -→ to merge the columns rowspan-→ to merge the rows