CH 1 – Why Servlet and JSP's

- Server know html

  When a server answers a request, the server usually sends some type of content to the browser so that the browser can display it. Servers often send the browser a set of instructions written in HTML, the HyperText Markup Language. The HTML tells the browser how to present the content to the user. All web browsers know what to do with HTML, although sometimes an older browser might not understand parts of a page that was written using newer versions of HTML

- Conversation Between Web Browser and Server

  the HTTP protocol, which allows for simple request and response conversations. The client sends an HTTP request, and the server answers with an HTTP response. Bottom line: if you're a web server, you speak HTTP

- GET Request

  GET is the simplest HTTP method, and its main job in life is to ask the server to get a resource and send it back. That resource might be an HTML page, a JPEG, a PDF, etc. Doesn't matter. The point of GET is to get something back from the server

- Post Request

  POST is a more powerful request. It's like a (GET plus plus , GET ++). With POST, you can request something and at the same time send form data to the server
  - Get job
  - Send from to server

> Data that send to the server to be saved with the POST Method
> are called [Message Body , Payload]

> At Post Request the browser tell the server about that content that can accept
> From the server

➢ So the server at response Tell the browser about that content that he send back
   To the browser so he know that things that he can render it

➢ Response Consist of two parts
   o Header

      The header info tells the browser about the protocol being used, whether the request
      was successful, and what kind of content is included in the body.

   o Body

      The body contains the contents (for example, HTML) for the browser to display

➢ The Response that Server send has in it's header the content type
   Which called "MIME" known as a MIME type. The
   MIME type tells the browser what kind of data the browser is about to
   receive so that the browser will know how to render it
   WHY ?
          Because at the HTTP Request the Browser send to the server
   What content that he can accept from the Server and at the response the
   Server tell the browser the content is that so be ready to render it

➢ NOTE Danger !
   Making request navigate though the directories of the server folder for
   An application cause that the server will respond with the index.html page