1. **What means that the HTTP is a stateless protocol?**

This means that server does not require the server to retain information or status about the user for the duration of multiple requests.

This simplifies the contract between the client and the server.

The connection is lost once the transaction ends.

**2) What is the default tcp/ip port for a web server?** 127.0.0.1

**3) Describe the elements included in an URL**

1. The protocol (HTTP/HTTPS)
2. Hostname (set by DNS)
3. Directory name
4. File name
5. You can add a query string

**4) What are the request main four http verbs. Describe them**

GET : Request to the server a representation

POST : Submit an entity to the specificed resource

PUT: Replaces all current representations target resource with request payload

DELETE: Deletes the specified resource

**5) Describe what is HTTPS**

Application layer protocol that includes the ‘S’ that stands for secure. Means all communication between the browser and website are encrypted

6) What is the last version of the HTTP protocol and what differences it has with respect to the previous one?

HTTP 2, its binary instead of textual

there is something called frame that involves the data and the HTTP headers in one.

Multiplex strems. Bi-directional sequence of text format.

Stateful Header Compression