Web and HTTP

web page consists of objects

* objects can be html file , jpeg file ,
* web page consist of base html file which includes several referenced objects
* each object is addressable by a url

**HTTP Overview**

HTTP : hypertext transfer protocol

* Web application layer protocol
* client /server model

client : browser that requests , receives (using HTTP protocol )

server: Web server sends (using HTTP protocol) objetcs in response ot request

uses TCP :

* client initiates TCP connection (creates socket) to server port 80
* server accepts TCP connection from client
* HTTP messages (application layer protocol messages) exchanged between browser (http client ) and web server