Assignment #3

Objective: Learn "***Node.js http***" module and use *createServer*() and *request*() methods.

■ For this task, you are to extend a basic Node.js web server to support two routes:
  /fetch/ and ***/fetchText/,*** both are followed by a URL (without "*http://*")
  [*Note*: *You must use the core module "http.request" (part of "http"); use streams where possible and do not follow redirect*]

  ❑ ***/fetchText/*** will be used to fetch both the response headers and the body data of the reply as text (set content-type in reply to "text/plain").

  Example: Fetch as text response headers and html:

    <your site>*/fetchText/www.kfupm.edu.sa/*

  ❑ ***/fetch/*** will be used to fetch any resource (set content-type in response to that you get from the reply to the HTTP request).

  Example: Fetch image:

    <your site>*/fetch/www.kfupm.edu.sa/Main_web/images1/logo.png*

  ❑ **Important Note:** For either type of request: if the HTTP status code is not 200 then reply with text containing status line and received headers; if the response is failing (timeout, invalid domain.. etc.) then reply with an appropriate error message.

■ Host your solution at **https://c9.io/** (as a public project) and send the link on Oct. 20, 2015.