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CIS 525 A

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Question 1:

To run type make and then do ./client WEBSITE PORT (Port is not needed if using port 80)

The results are printed to results.txt (It includes anything printed to the terminal and parameters)

When the program starts it will connect to the website and then ask the user for what page they would like to connect to.

If the webpage is valid the program will return the HTML document. If there is an error code then the error will be printed instead.

A client connects to www.google.com and wants to view the home page www.google.com/

|  |  |
| --- | --- |
| Input | Output |
| www.google.com | Trying 172.217.9.4…  Connected to [www.google.com](http://www.google.com)  Which page? |

|  |  |
| --- | --- |
| Input | Output |
| / | Returns the HTML document |

If a user gives a webpage that does not exist, the error code will be returned.

A client connects to www.google.com and wants to view www.google.com/asdfasdf/

|  |  |
| --- | --- |
| Input | Output |
| www.google.com | Trying 172.217.9.4…  Connected to [www.google.com](http://www.google.com)  Which page? |

|  |  |
| --- | --- |
| Input | Output |
| /asdfasdf/ | Error 404 (Not Found)!!1 |