Daytime Server Client

CS430: Computer Networks

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Protocol Specification

The protocol we have used for the retrieval of specific parts of a date and time from our server is a simple one. Please note that the server will only consider the first character sent and discard the rest.

Upon connection to the server, the client should send one message to the server. The server will then connect to the NIST server, retrieve the time, close the connection to the NIST server, parse the input and time, send the appropriate data back to the client and close the connection. Please refer to the table below for the message specification.

|  |  |
| --- | --- |
| **Message** | **Response** |
| Y | Returns the Year |
| M | Returns the Month |
| D | Returns the Day |
| h | Returns the Hour |
| m | Returns the Minute |
| s | Returns the Second |

All other messages are deemed invalid.