

Expected Behavior

In order for the DSLASER to properly instruct the death star to fire, the following is to take place:

1. A COUNTDOWN_INITIATE request is to be sent to the server by the client which will cause the generation of a countdown from 5-100 on the server
 - a. A response is issued which will include the countdown's current count
2. A COUNTDOWN_DECREMENT request is to be sent to the server by the client of the next value up to and including 0
 - a. A response will be issued by the server of the value sent
 - b. This request-response cycle will continue until a response of 0 is received.
3. A FIRE_LASER request is to be sent to the server by the client
 - a. A response will be issued by the server which will respond with the UTF-8 encoded text of 'Fired'
4. A FIRE_LASER_CONFIRMATION request is to be sent to the server by the client
 - a. A response will be issued by the server which will respond with the UTF-8 encoded text of 'assignment2{d3aThsT4r_flr3d_g0oD_j0b}'
5. A COMMUNICATION_SHUTDOWN request is to be sent to begin the shutdown procedure
 - a. A response will be issued by the server which will indicate the shutdown has occurred.