magnificent

A new challenger appears!

# Installation

1. Install Python
2. pip install twisted
3. python server.py
4. Okay, now you're running magnificent!
5. Visit http://localhost:12345 in a web browser or something.
6. It should throw a verbose error, or return "Magnificent!".

# Now it's your turn.

Magnificent fails 25% of the time. We want to write an app that monitors the health of the Magnificent Server.

Your program’s user is someone who wants to run it on the terminal, and see the output of every check done to the Magnificent Server. They would like to enter as a parameter the # of seconds to wait between checks to the server, they also expect a clear message on the terminal telling them if the server has failed or not.

A nice add on to the application, would be to tell how many times the server has failed and how many times it has responded successfully. This would be very helpful to your user at the end of the day.

# Requirements

* The application, once started, should run forever, until the user decides to stop it manually.
* It should check Magnificent Server frequently, it should be possible to tell the application the wait interval in seconds between every check..
* You can get more points if you tell the user how healthy the Magnificent Server has been (failed and successful checks).
* This should go without saying, but you can't use anyone else's code.

If you need to copy a snippet from Stack Overflow or some similar site, that's okay. But you should be the primary author of, and understand, all the code you submit.

# Platform

For the simplicity of checking the take home test, we would like you to use one of the following programming languages:

* Java
* JavaScript
* Python
* Ruby

# Test grading

This is what we look for:.

* **Correctness**. Does it do what we asked?
* **Simplicity**. Does the design match the task?
* **Clarity**. Can anyone easily understand what's going on?
* **Generality.** It shouldn't be all hardcoded, but don't make it too abstract either.
* **Documentation.** Can anyone get this running?