(**To graders**: This is an UNOFFICIAL version of the readme. Please make sure to read the Compass submissions INSTEAD OF this one)

Our project is a chrome plugin that scans every tab and decides whether it is a malicious webminer, a safe non-mining webpage, or a suspicious webpage using too much CPU.

Eventually we decided that users may not want our plugin to scan their webpages locallys, because it requires their Chrome to run in debugger mode. So we moved the scanner and analyzer to a remote server and decided the plugin will fetch analysis results from the server instead of doing analysis locally.

How to the code:
Our team didn't finish the plugin but the scanner is finished. It is a command-line program that tells whether a webpage is mining. Here is how:

1. Please use commit cea3d7901513da346424b304bcddee540876fef5
2. Please use node version v9.2.0.
3. Please install latest version of chrome on your machine.
4. Two ways to run the scanner:
    1. [Recommended] Go to 'scanner'. Run 'npm install'. Run 'node analyzer.js [url] [profiling duration in milliseconds, usually 5000]'. Example urls can be found in 'scanner/data-sources.sh'
        1. Output labels:
        2. Malicious = 1
        3. Suspicious = 2
        4. Safe = 3
    2. [Alternative] Go to cacheServer, run "npm install". Run "node testClient.js [url]".