**Description**

This is my final assignment for Harvard CS50: Introduction to Python Programming. This initiative makes scraping websites simpler. The comment lines and directories on the page are easily visible.

Additionally, this project will print out your requests and replies. It will print the website response code and the page widths based on the URL address that you entered.

When using it, you should exercise caution because it will search through any detected directories, which might occasionally take a long time and require excessive requests. You are likely to receive an IP block since WAF (Web Application Firewall) can quickly identify you.

**Use**

1. Clone the code.
2. Run the command pip install -r requirements.txt in the app directory.
3. Than run it: python3 ./project.py -u https://example.com

**Overviews**

project/ $ python3 project.py

+-+-+-+-+ +-+-+-+-+-+-+-+-+-+

|C|S|5|0| |@|s|a|h|i|n|y|e|s|

+-+-+-+-+ +-+-+-+-+-+-+-+-+-+

+-+-+-+-+-+ +-+-+-+-+-+-+-+

|F|i|n|a|l| |P|r|o|j|e|c|t|

+-+-+-+-+-+ +-+-+-+-+-+-+-+

python ./project.py

python ./project.py -u <url>

python ./project.py --url <url>

URL:

project/ $ python3 ./project.py --url https://cs50.harvard.edu/course

+-+-+-+-+ +-+-+-+-+-+-+-+-+-+

|C|S|5|0| |@|s|a|h|i|n|y|e|s|

+-+-+-+-+ +-+-+-+-+-+-+-+-+-+

+-+-+-+-+-+ +-+-+-+-+-+-+-+

|F|i|n|a|l| |P|r|o|j|e|c|t|

+-+-+-+-+-+ +-+-+-+-+-+-+-+

python ./project.py

python ./project.py -u <url>

python ./project.py --url <url>

https://cs50.harvard.edu/course Status: 404 Size: 623