Project Portfolio

Stephen Bassilios

Secret Message Decoder

Python, requests library, NumPY library

Before

x & y coordinates of characters in secret message provided in Google Doc.

Google Doc with x & y coordinates of each character

x-coordinate	Character	y-coordinate
0	▉	0
0	▉	1
0	▉	2
1	▉	1
1	▉	2
2	▉	1
2	▉	2
3	▉	2

Code exports Google Doc as .txt file and stores locally

```
The secret message contains the upper block needed to solve the coding assignment exercise.

x-coordinate
character
y-coordinate

0
0
0
1
1
2
2
2
2
3
4
4
4
5
5
5
6
6
6
7
7
7
8
8
8
9
9
9
10
10
10
11
11
11
12
12
12
13
13
13
14
14
14
```

After

Code plots the characters in 2D List and prints for user to see secret message

```
▉▉▉▉▉▉▉▉▉   ▉▉▉▉▉▉▉▉▉   ▉▉▉▉▉▉▉▉▉   ▉▉▉▉▉▉▉▉▉   ▉▉▉▉▉▉▉▉▉   ▉▉▉▉▉▉▉▉▉   ▉▉▉▉▉▉▉▉▉   ▉▉▉▉▉▉▉▉▉   ▉▉▉▉▉▉▉▉▉   ▉▉▉▉▉▉▉▉▉   ▉▉▉▉▉▉▉▉▉   ▉▉▉▉▉▉▉▉▉   ▉▉▉▉▉▉▉▉▉   ▉▉▉▉▉▉▉▉▉
▉▉          ▉▉          ▉▉          ▉▉          ▉▉          ▉▉          ▉▉          ▉▉          ▉▉          ▉▉          ▉▉          ▉▉          ▉▉          ▉▉          
```