Homework # 8

01286120 Elementary Systems Programming

Software Engineering Program

Faculty of Engineering, KMITL

By

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Source code:

https://github.com/cussonspoon/All_HW_Rust_Depot

Output:

I mean if you could do both of them HTML one, the previous question is just a prerequisite to that, so I'll only provide the output for the two, but the source codes are all sorted in the link anyway.

3.1)

```
PS D:\Software en work\Rust\Hw\hw8rust\src\bin> cargo run --bin program1html -- --input hello.csv --output html1.csv
```

```
"
        <html>
        <head>
            <style>
                table, td {
                    border: 1px solid #000000;
                    border-collapse: collapse;
                    padding: 5px;
                }
                table {
                    width: 100%;
                }
                th {
                    background-color: #f2f2f2;
                }
            </style>
        </head>
        <body>
            <table>
                <tr>
                    <th>Radius (r)</th>
                    <th>Theta (t)</th>
                </tr>
    "
<tr><td>2.236068</td><td>1.1071486</td></tr>
<tr><td>5</td><td>0.9272952</td></tr>
<tr><td>7.81025</td><td>0.8760581</td></tr>
<tr><td>10.630146</td><td>0.8519664</td></tr>
"
            </table>
        </body>
        </html>
    "
```

index.html style.css script.js

```
"
        <html>
        <head>
            <style>
                table, td {
                    border: 1px solid #000000;
                    border-collapse: collapse;
                    padding: 5px;
                }
                table {
                    width: 100%;
                }
                th {
                    background-color: #f2f2f2;
                }
            </style>
        </head>
        <body>
            <table>
                <tr>
                    <th>Radius (r)</th>
                    <th>Theta (t)</th>
                </tr>
    "
<tr><td>2.236068</td><td>1.1071486</td></tr>
<tr><td>5</td><td>0.9272952</td></tr>
<tr><td>7.81025</td><td>0.8760581</td></tr>
<tr><td>10.630146</td><td>0.8519664</td></tr>
"
            </table>
        </body>
        </html>
    "
```

" " "

Radius (r)	Theta (t)
2.236068	1.1071486
5	0.9272952
7.81025	0.8760581
10.630146	0.8519664

"

3.2)

```
PS D:\Software en work\Rust\Hw\hw8rust\src\bin> cargo run --bin program2html -- --input hello2.csv --output html2.csv
```

```
"
        <html>
        <head>
            <style>
                table, td {
                    border: 1px solid #000000;
                    border-collapse: collapse;
                    padding: 5px;
                }
                table {
                    width: 100%;
                }
                th {
                    background-color: #f2f2f2;
                }
            </style>
        </head>
        <body>
            <table>
                <tr>
                    <th>x-value (x)</th>
                    <th>y-value (y)</th>
                </tr>
    "
<tr><td>1.0000001</td><td>2</td></tr>
<tr><td>3</td><td>4</td></tr>
<tr><td>4.9999995</td><td>6.0000005</td></tr>
<tr><td>6.9999995</td><td>8</td></tr>
"
            </table>
        </body>
        </html>
    "
```

index.html | style.css | script.js

```
"
        <html>
        <head>
            <style>
                table, td {
                    border: 1px solid #000000;
                    border-collapse: collapse;
                    padding: 5px;
                }
                table {
                    width: 100%;
                }
                th {
                    background-color: #f2f2f2;
                }
            </style>
        </head>
        <body>
            <table>
                <tr>
                    <th>x-value (x)</th>
                    <th>y-value (y)</th>
                </tr>
    "
<tr><td>1.0000001</td><td>2</td></tr>
<tr><td>3</td><td>4</td></tr>
<tr><td>4.9999995</td><td>6.0000005</td></tr>
<tr><td>6.9999995</td><td>8</td></tr>
"
            </table>
        </body>
        </html>
    "

```

" " "

x-value (x)	y-value (y)
1.0000001	2
3	4
4.9999995	6.0000005
6.9999995	8

"