



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](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.htmlXstyle.cssXscript.jsX

```
1  =
2      <html>
3      <head>
4          <style>
5              table, td {
6                  border: 1px solid #000000;
7                  border-collapse: collapse;
8                  padding: 5px;
9              }
10             table {
11                 width: 100%;
12             }
13             th {
14                 background-color: #f2f2f2;
15             }
16         </style>
17     </head>
18     <body>
19         <table>
20             <tr>
21                 <th>Radius (r)</th>
22                 <th>Theta (t)</th>
23             </tr>
24             <tr>
25                 <td>2.236068</td><td>1.1071486</td></tr>
26                 <td>5</td><td>0.9272952</td></tr>
27                 <td>7.81025</td><td>0.8760581</td></tr>
28                 <td>10.630146</td><td>0.8519664</td></tr>
29             </table>
30         </body>
31     </html>
32
33
34
```

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 program2 -- --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 X

style.css X

script.js X

```
1  "  
2      <html>  
3      <head>  
4          <style>  
5              table, td {  
6                  border: 1px solid #000000;  
7                  border-collapse: collapse;  
8                  padding: 5px;  
9              }  
10             table {  
11                 width: 100%;  
12             }  
13             th {  
14                 background-color: #f2f2f2;  
15             }  
16         </style>  
17     </head>  
18     <body>  
19         <table>  
20             <tr>  
21                 <th>x-value (x)</th>  
22                 <th>y-value (y)</th>  
23             </tr>  
24             <tr>  
25                 <td>1.0000001</td><td>2</td></tr>  
26                 <td>3</td><td>4</td></tr>  
27                 <td>4.9999995</td><td>6.0000005</td></tr>  
28                 <td>6.9999995</td><td>8</td></tr>  
29             </table>  
30         </body>  
31     </html>  
32 </pre>
```

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