

After reviewing the HTML code from my first assignment, I found at least 5 pieces of code that can be improved by using CSS.

The first example is editing HTML code, applying CSS, and using flexbox on one of my CS works in the cs.html webpage. Below is the code snippet.

```
<section id="CSWork">
    <h2><i>My Work</i></h2>
    <article id="CSWork1">
        <p>Below is an example of one of my work in Computer Science.</p>

        <h3>Question</h3>
        <p>Grading on the curve is a method of grading that is based on the belief that letter grades for any given class should be distributed along a bell curve. Typically, after a test is marked, the average score becomes an "average" grade, possibly a C- or B+. Scores falling above and below this average are graded accordingly. While this method of grading has both proponents and opponents, we are going to (pretend to) apply this form of marking to a set of assignments. You will receive a set of integer scores for a particular assignment. As grades are determined by where they lie on the bell curve, we are interested in finding the minimum grade needed to be in the top X % of marks. For example, if we grade on the bell curve, the top 20% of these marks will receive the grade 'A'. You are to determine the minimum grade required for a student to be in the top X % on the assignment.</p>

        <h3>Input</h3>
        <p>The program reads the following:
            an integer X representing the percentile mark that we are interested in for this data set.
            an integer N representing the number of student marks in the data set (to follow)
            a data set consisting of N integer scores obtained by students on an assignment</p>

        <h3>Processing</h3>
        <p>You are to write a method
            called calculateMinimumMark that takes in an array and (integer X) percentile. The method should determine the minimum mark required (based on the array data provided) to be in the top X percent of that data set.</p>
```

```

<h3>Output</h3>
<p>The calculateMinimumMark method should return the minimum mark that was calculated. This will be output in the main method.</p>

<h3>Sample Input and Sample Output</h3>
<table>
    <tr>
        <th>Sample Input</th>
        <th>Sample Output</th>
    </tr>
    <tr>
        <td>20 10 31 32 33 34 35 36 37 38 39 40</td>
        <td>39</td>
    </tr>
</table>

<p>In the example above, <b>X</b> is <b>20</b>, and <b>N</b> is <b>10</b>.</p>

<h3>My Code</h3>

</article>
</section>

```

Below is the current outcome

My Work

Below is an example of one of my work in Computer Science.

Question

Grading on the curve is a method of grading that is based on the belief that letter grades for any given class should be distributed along a bell curve. Typically, after a test is marked, the average score becomes an "average" grade, possibly a C- or B+. Scores falling above and below this average are graded accordingly. While this method of grading has both proponents and opponents, we are going to (pretend to) apply this form of marking to a set of assignments. You will receive a set of integer scores for a particular assignment. As grades are determined by where they lie on the bell curve, we are interested in finding the minimum grade needed to be in the top X % of marks. For example, if we grade on the bell curve, the top 20% of these marks will receive the grade 'A'. You are to determine the minimum grade required for a student to be in the top X % on the assignment.

Input

The program reads the following: an integer X representing the percentile mark that we are interested in for this data set. an integer N representing the number of student marks in the data set (to follow) a data set consisting of N integer scores obtained by students on an assignment

Processing

You are to write a method called calculateMinimumMark that takes in an array and (integer X) percentile. The method should determine the minimum mark required (based on the array data provided) to be in the top X percent of that data set.

Output

The calculateMinimumMark method should return the minimum mark that was calculated. This will be output in the main method.

Sample Input and Sample Output

Sample Input	Sample Output
--------------	---------------

20 10 31 32 33 34 35 36 37 38 39 40 39

In the example above, X is 20, and N is 10.

My Code

```
public class Main {
    /**
     * CSC1110
     * Author: Astegel
     */
    public static void main(String[] args) {
        //PLEASE START YOUR WORK HERE
        System.out.println(calculateMinMark(gradeData, percentOfInd));
    }
}

// PLEASE START YOUR WORK HERE
public static int calculateMinMark(int[] gradeData, int percentOfInd) {
    int sum = 0;
    for (int i = 0; i < gradeData.length; i++) {
        sum += gradeData[i];
    }
    return sum / percentOfInd;
}

// PLEASE END YOUR WORK HERE
public static void main(String[] args) {
    //Instantiate new scanner to read from the console.
    Scanner in = new Scanner(System.in);

    //Declare and initialize variables
    int percentOfInd = in.nextInt();
    final int N = 100;
    int[] gradeData = new int[N];

    //Obtain grade data set
    for (int i = 0; i < N; i++) {
        gradeData[i] = in.nextInt();
    }

    System.out.println(calculateMinMark(gradeData, percentOfInd));
}
```

Below is the desired outcome

Header

Sidebar

Nav

Article

Footer

Loreum ipsum dolor sit amet, consectetur adipiscing elit. Mauris auctor, felis in dapibus aliquet, metus ligula hendrerit justo, en tincidunt justo sapien a mauris. Donec mattis facilisis ex, dapibus dignissim nisl hendrerit sed. Morbi accumsan consectetur metus fermentum imperdiet. Donec ullamcorper diam vel suscipit vulputate. Nulla non arcu eget mi fermentum faucibus. Sed lacinia pretium lorem. Nulla sagittis arcu eget eros bibendum auctor. Mauris vel enim dapibus, tincidunt lorem quis, egestas est.

In congue dolor ac nisi pharetra accumsan. Donec ut mauris quam. Nulla facilisi. Aliquam in ornare urna, in rutrum felis. Sed molestie, felis et pretium venenatis, sapien libero ultricies quam, sit amet venenatis libero nibh ac tortor. Aliquam justo augue, accumsan at hendrerit quis, ultricies porta dui. Fusce tempor quis est vitae facinii. Donec nisi nisl, feugiat sit amet sem non, scelerisque molestie ex. Quisque ultricies elementum justo. Vivamus ut nibh sed quam ullamcorper vehicula. Aenean interdum enim ut nibh rhoncus lobortis. Phasellus congue dignissim eleifend.

Etiam accumsan vel mi vel molestie. Class aptent taciti sociosqu ad litora torquent per combia nostra, per inceptos himenaeos. Aenean ligula nisi, finibus nec commodo ac, dignissim eget ex. Mauris consequat leo non risus iaculis, vitae molestie magna condimentum. Sed a elit ac ipsum consequat fermentum. Fusce luctus et nisl id dapibus. In eget nibh lectus. Sed eu tempus augue, sit amet euismod arcu. Maecenas vel aliquam turpis, eget ultricies nibh. Fusce condimentum sapien eu mi pharetra, eu ultricies purus sollicitudin. Ut dignissim tortor sed elit euismod pulvinar.

Below is the code snippet using both HTML and CSS that could fix the problem finally

HTML:

```
<section id="CSWork">
    <h2><i>One of My CS Works</i></h2>
</section>

<section class="inContainer">
    <section id="sidebar">
        <h3>My Code</h3>
        
    </section>

    <section class="container">
        <section id="question">
            <h3>Question</h3>
            <p>Grading on the curve is a method of grading that is based on the belief that letter grades for any given class should be distributed along a bell curve. Typically, after a test is marked, the average score becomes an "average" grade, possibly a C- or B+. Scores falling above and below this average are graded accordingly. While this method of grading has both proponents and opponents, we are going to (pretend to) apply this form of marking to a set of assignments. You will receive a set of integer scores for a particular assignment. As grades are determined by where they lie on the bell curve, we are interested in finding the minimum grade needed to be in the top X % of marks. For example, if we grade on the bell curve, the top 20% of these marks will receive the grade 'A'. You are to determine the minimum grade required for a student to be in the top X % on the assignment.</p>
        </section>

        <section id="input">
            <h3>Input</h3>
            <p>The program reads the following:
                an integer X representing the percentile mark that we are interested in for this data set.
                an integer N representing the number of student marks in the data set (to follow)
                a data set consisting of N integer scores obtained by students on an assignment</p>
        </section>

        <section id="processing">
            <h3>Processing</h3>
            <p>You are to write a method
                called calculateMinimumMark that takes in an array and (integer X) percentile. The method should determine the minimum mark required (based on the array data provided) to be in the top X percent of that data set.</p>
        </section>

        <section id="output">
            <h3>Output</h3>
            <p>The calculateMinimumMark method should return the minimum mark that was calculated. This will be output in the main method.</p>
        </section>
    </section>
</section>
```

```

<section id="sample">
    <h3>Sample Input and Sample Output</h3>
    <table id="sampletable">
        <tr>
            <th>Sample Input</th>
            <th>Sample Output</th>
        </tr>
        <tr>
            <td>20 10 31 32 33 34 35 36 37 38 39 40</td>
            <td>39</td>
        </tr>
    </table>

    <p>In the example above, <b>X</b> is <b>20</b>, and <b>N</b> is <b>10</b>.</p>
</section>

```

CSS:

```

1  /* Apply All */
2  :root {
3      background-color: black;
4      color: white;
5  }
6
7  * p {
8      font-family: "arial", sans-serif;
9  }
10
11 p::first-letter {color: red}
12
13 h1 {
14     font-size: 40px;
15     text-align: center;
16 }
17
18 h2, h3, h4, h5, h6 {
19     font-size: 30px;
20     margin: 5px 55px;
21 }
22
23 table {
24     text-align: left;
25     margin: 5px 55px;
26     background-color: red;
27     border: 2px solid black;
28     border-collapse: collapse;
29 }
30
31 th, td {
32     border: 2px solid black;
33     padding: 8px;
34 }
35
36 p, iframe, video, audio {
37     text-align: left;
38     margin: 5px 55px;
39 }

```

```
74  /* cs.html flexbox */
75  .inContainer {
76      display: flex;
77      gap: 5px;
78      text-align: center;
79  }
80
81  .container {
82      flex-grow: 2.5;
83      gap: 5px;
84      text-align: center;
85  }
86
87  #CSWork {
88      background-color: white;
89      border-radius: 5px;
90      padding: 5px;
91      margin: 5px;
92      color: black;
93      text-align: center;
94  }
95
96  #sidebar {
97      background-color: darkblue;
98      border-radius: 5px;
99      padding: 50px;
100     margin: 5px;
101     font-size: 22px;
102 }
104 #question {
105     background-color: blue;
106     border-radius: 5px;
107     padding: 7px;
108     margin: 5px;
109 }
110
111 #input {
112     background-color: blue;
113     border-radius: 5px;
114     padding: 7px;
115     margin: 5px;
116 }
117
118 #processing {
119     background-color: blue;
120     border-radius: 5px;
121     padding: 7px;
122     margin: 5px;
123 }
124
125 #output {
126     background-color: blue;
127     border-radius: 5px;
128     padding: 7px;
129     margin: 5px;
130 }
```

```

132     #sample {
133         background-color: dodgerblue;
134         border-radius: 5px;
135         padding: 5px;
136         margin: 5px;
137         text-align: center;
138         display: flex;
139         justify-content: center;
140         align-items: center;
141     }
142
143     #sampletable {
144         text-align: center;
145     }

```

Below is the new outcome of the code after editing the HTML code, apply CSS, and using flexbox.

One of My CS Works

My Code

```

1 // PLEASE START YOUR WORK HERE
2 // + CSC 3310
3 // Author: Abigail
4 //
5 // Import java.util.*;
6
7 public class P01 {
8
9     //PLEASE START YOUR WORK HERE
10
11    // WRITE YOUR CODE HERE
12    public static void calculatePercentile(int[] gradesData, int percentileInd) {
13        int totalGrades = gradesData.length;
14        int minMark = gradesData[percentileInd - (int)(percentileInd * 1000)];
15        return minMark;
16    }
17
18    //PLEASE END YOUR WORK HERE
19
20    public static void main(String[] args) {
21
22        //Instantiate new scanner to read from the console.
23        Scanner in = new Scanner(System.in);
24
25        System.out.println("Enter X");
26        int percentileInd = in.nextInt();
27
28        System.out.println("Enter N");
29        int n = in.nextInt();
30
31        int[] gradesData = new int[20];
32
33        for (int i = 0; i < n; i++) {
34            System.out.print("Enter grade " + (i + 1) + ": ");
35            gradesData[i] = in.nextInt();
36        }
37
38        System.out.println(calculatePercentile(gradesData, percentileInd));
39    }
40

```

Question

Grading on the curve is a method of grading that is based on the belief that letter grades for any given class should be distributed along a bell curve. Typically, after a test is marked, the average score becomes an “average” grade, possibly a C- or B+. Scores falling above and below this average are graded accordingly. While this method of grading has both proponents and opponents, we are going to (pretend to) apply this form of marking to a set of assignments. You will receive a set of integer scores for a particular assignment. As grades are determined by where they lie on the bell curve, we are interested in finding the minimum grade needed to be in the top X % of marks. For example, if we grade on the bell curve, the top 20% of these marks will receive the grade A. You are to determine the minimum grade required for a student to be in the top X % on the assignment.

Input

The program reads the following: an integer X representing the percentile mark that we are interested in for this data set, an integer N representing the number of student marks in the data set (to follow) a data set consisting of N integer scores obtained by students on an assignment

Processing

You are to write a method called calculateMinimumMark that takes in an array and (integer X) percentile. The method should determine the minimum mark required (based on the array data provided) to be in the top X percent of that data set.

Output

The calculateMinimumMark method should return the minimum mark that was calculated. This will be output in the main method.

Sample Input
Sample Output

20 10 31 32 33 34 35 36 37 38 39 40
39

In the example above, X is 20, and N is 10.

The second example is editing HTML code, applying CSS, and use grid to the homepage in the index.html webpage. Below is the code snippet.

```
1      <!DOCTYPE html>
2      <html lang="en">
3          <head>
4              <meta charset="UTF-8">
5              <link rel="icon" type="image/jpeg" href="Nicon.jpg">
6              <title>Nicholas Steven</title>
7          </head>
8          <body>
9
10         <!-- Title -->
11         <h1><em>Nicholas Steven</em></h1>
12         <!-- Navigation -->
13         <h3 id="NavigationMenu"><i>Navigation</i> Menu</h3>
14
15         <nav id="NavigationInformation">
16             <h4>Navigation</h4>
17             <ul id="Navigation1">
18                 <li>
19                     <p><a href="index.html">Homepage</a></p>
20                 </li>
21                 <li>
22                     <p><a href="music.html">Music</a></p>
23                 </li>
24                 <li>
25                     <p><a href="cs.html">CS</a></p>
26                 </li>
27                 <li>
28                     <p><a href="credits.html">Credits</a></p>
29                 </li>
30             </ul>
31         </nav>
```

```
33  | <!-- Content Including Picture -->
34  | <section id="WebsiteInfo">
35  |   <h2><em>About</em> this website:</h2>
36  |   <p>This website is all about Nicholas Steven</p>
37  | </section>
38
39  | <section id="AboutMe">
40  |   <h2><i>About Me:</i></h2>
41  |   <article id="introduction">
42  |     <p>My name is Nicholas Steven, I am currently an undergraduate student taking computer science major.</p>
43  |     
44  |   </section>
45
46  | <section id="Hobbies">
47  |   <h2><i>My Hobbies:</i></h2>
48  |   <article id="MyHobby">
49  |     <p>Below are some of my hobbies.</p>
50  |     <ol>
51  |       <li>Sports</li>
52  |       <ul>
53  |         <li>Gym</li>
54  |         <li>Basketball</li>
55  |         <li>Swimming</li>
56  |       </ul>
57  |       <li>Playing Music Instruments</li>
58  |       <li>Playing Video Games</li>
59  |       <li>Photography</li>
60  |     </ol>
61  |   </article>
62  | </section>
```

```
64     ⌂<section id="Education">
65         <h2><i>My Education:</i></h2>
66
67     ⌂<table>
68         <caption> Education </caption>
69         ⌂<tr>
70             <th>Grade</th>
71             <th>Institution</th>
72             <th>Location</th>
73         ⌂</tr>
74         ⌂<tr>
75             <td>Elementary</td>
76             <td>SpringField</td>
77             <td>Indonesia</td>
78         ⌂</tr>
79         ⌂<tr>
80             <td>Junior High</td>
81             <td>BPK</td>
82             <td>Indonesia</td>
83         ⌂</tr>
84         ⌂<tr>
85             <td>High School</td>
86             <td>SVP</td>
87             <td>Indonesia</td>
88         ⌂</tr>
89         ⌂<tr>
90             <td>University</td>
91             <td>Dalhousie</td>
92             <td>Canada</td>
93         ⌂</tr>
94     ⌂</table>
```

```
96      <article id="EduInfo">
97          <p>Above is a table of all the detailed institution I attend each grade.</p>
98          <p>Below is a picture of the university I currently am attending.</p>
99      </article>
100
101      <!--Dal Uni image retrieved from https://catalogue.novascotia.com/ManagedMedia/24678.jpg-->
102      
104  </section>
105
106
107
108      <!-- Contact Info -->
109  <footer id="ContactInfo">
110      <h4>Contact Information</h4>
111      <ul id="MyContact" >
112          <li>
113              <a href="https://www.instagram.com/nicholas.s.r/">Instagram: nicholas.s.r</a>
114          </li>
115          <li>
116              <p>Phone Number: 0877262012</p>
117          </li>
118      </ul>
119  </footer>
120  </body>
121  </html>
```

Below is the current outcome

Nicholas Steven

Navigation Menu

Navigation

- [Homepage](#)
- [Music](#)
- [CS](#)
- [Credits](#)

About this website:

This website is all about Nicholas Steven

About Me:

My name is Nicholas Steven, I am currently an undergraduate student taking computer science major.



My Hobbies:

Below are some of my hobbies.

1. Sports
 - Gym
 - Basketball
 - Swimming
2. Playing Music Instruments
3. Playing Video Games
4. Photography

My Education:

Grade	Institution	Location	Education
Elementary	Springfield	Indonesia	
Junior High	BPK	Indonesia	
High School	SVP	Indonesia	
University	Dalhousie	Canada	

Above is a table of all the detailed institution I attend each grade.

Below is a picture of the university I currently am attending.



Contact Information

- [Instagram: nicholas.s.r](#)
 - Phone Number: 0877262012
-

Below is the desired outcome

Nicholas Steven

[Homepage](#) [Music](#) [CS](#) [Contact Form](#) [Credits](#)

About this website:
This website is all about Nicholas Steven

About Me:
My name is Nicholas Steven, I am currently an undergraduate student taking computer science major.



My Hobbies:
Below are some of my hobbies.

- 1. Sports
 - Gym
 - Basketball
 - Swimming
- 2. Playing Music Instruments
- 3. Playing Video Games
- 4. Photography

My Education:

Grade	Institution	Location
Elementary	SpringField	Indonesia
Junior High	BPK	Indonesia
High School	SVP	Indonesia
University	Dalhousie	Canada

Above is a table of all the detailed institution I attend each grade.
Below is a picture of the university I currently am attending.



Contact Information

- [Instagram: nicholas.s.r](#)
- Phone Number: 0877262012

Below is the code snippet using both HTML and CSS that could fix the problem finally

HTML:

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <link rel="icon" type="image/jpeg" href="Nicon.jpg">
6      <title>Nicholas Steven</title>
7  </head>
8  <body>
9      <link href="main.css" rel="stylesheet">
10     <!-- Title -->
11     <h1><em>Nicholas Steven</em></h1>
12     <!-- Navigation -->
13     <nav id="NavigationInformation">
14         <ul class="nobullet" id="Navigation1">
15             <li>
16                 <p><a href="index.html">Homepage</a></p>
17             </li>
18             <li>
19                 <p><a href="music.html">Music</a></p>
20             </li>
21             <li>
22                 <p><a href="cs.html">CS</a></p>
23             </li>
24             <li>
25                 <p><a href="contactform.html">Contact Form</a></p>
26             </li>
27             <li>
28                 <p><a href="credits.html">Credits</a></p>
29             </li>
30         </ul>
31     </nav>
```

```
33 | <!-- Content Including Picture -->
34 | <section id="WebsiteInfo">
35 |   <h2><em>About</em> this website:</h2>
36 |   <p id="aboutweb">This website is all about Nicholas Steven</p>
37 | </section>
38 |
39 | <section class="gridcontainer">
40 |   <section class="grid-item" id="AboutMe">
41 |     <h2><i>About Me:</i></h2>
42 |     <article id="introduction">
43 |       <p>My name is Nicholas Steven, I am currently an undergraduate student taking computer science major.</p>
44 |       
45 |     </article>
46 |   </section>
```

```
48 | <section class="grid-item" id="Hobbies">
49 |   <h2><i>My Hobbies:</i></h2>
50 |   <article id="MyHobby">
51 |     <p>Below are some of my hobbies.</p>
52 |     <ol>
53 |       <li>Sports</li>
54 |       <ul>
55 |         <li>Gym</li>
56 |         <li>Basketball</li>
57 |         <li>Swimming</li>
58 |       </ul>
59 |       <li>Playing Music Instruments</li>
60 |       <li>Playing Video Games</li>
61 |       <li>Photography</li>
62 |     </ol>
63 |   </article>
64 | </section>
```

```
66 |     <section class="grid-item" id="Education">
67 |         <h2><i>My Education:</i></h2>
68 |
69 |         <table>
70 |             <caption> Education </caption>
71 |             <tr>
72 |                 <th>Grade</th>
73 |                 <th>Institution</th>
74 |                 <th>Location</th>
75 |             </tr>
76 |             <tr>
77 |                 <td>Elementary</td>
78 |                 <td>SpringField</td>
79 |                 <td>Indonesia</td>
80 |             </tr>
81 |             <tr>
82 |                 <td>Junior High</td>
83 |                 <td>BPK</td>
84 |                 <td>Indonesia</td>
85 |             </tr>
86 |             <tr>
87 |                 <td>High School</td>
88 |                 <td>SVP</td>
89 |                 <td>Indonesia</td>
90 |             </tr>
91 |             <tr>
92 |                 <td>University</td>
93 |                 <td>Dalhousie</td>
94 |                 <td>Canada</td>
95 |             </tr>
```

```

96      </table>
97
98      <article id="EduInfo">
99          <p>Above is a table of all the detailed institution I attend each grade.</p>
100         <p>Below is a picture of the university I currently am attending.</p>
101     </article>
102
103     <!--Dal Uni image retrieved from https://catalogue.novascotia.com/ManagedMedia/24678.jpg-->
104     
106     </section>
107
108     </section>
109
110     <!-- Contact Info -->
111     <footer id="ContactInfo">
112         <h4>Contact Information</h4>
113         <ul id="MyContact" >
114             <li>
115                 <a href="https://www.instagram.com/nicholas.s.r/">Instagram: nicholas.s.r</a>
116             </li>
117             <li>
118                 <p id="phonenum">Phone Number: 0877262012</p>
119             </li>
120         </ul>
121     </footer>
122     </body>
123 </html>

```

CSS:

<pre> 1 /* Apply All */ 2 :root { 3 background-color: black; 4 color: white; 5 } 6 7 * p { 8 font-family: "arial", sans-serif; 9 } 10 p::first-letter {color: red} 11 12 h1 { 13 font-size: 40px; 14 text-align: center; 15 } 16 17 h2, h3, h4, h5, h6 { 18 font-size: 30px; 19 margin: 5px 55px; 20 } 21 22 table { 23 text-align: left; 24 margin: 5px 55px; 25 background-color: red; 26 border: 2px solid black; 27 border-collapse: collapse; 28 } 29 </pre>	<pre> 31 th, td { 32 border: 2px solid black; 33 padding: 8px; 34 } 35 36 p, iframe, video, audio { 37 text-align: left; 38 margin: 5px 55px; 39 } 40 41 ol { 42 text-align: left; 43 margin: 5px 55px; 44 background-color: darkgray; 45 color: white; 46 } 47 48 ol > ul { 49 text-align: left; 50 margin: 0px 0px; 51 background-color: darkgray; 52 } </pre>
---	---

```
60  /* Navigation */
61  #Navigation1 {
62      display: flex;
63      flex-direction: row;
64      justify-content: space-between;
65      flex-wrap: wrap;
66      border: solid grey 5px;
67      background-color: white;
68      color: black;
69      margin: 0px 0px;
70      margin-bottom: 20px;
71      font-size: 20px;
72  }
73
74  .nobullet {
75      list-style: none;
76  }
77
78  /* index.html */
79  .gridcontainer {
80      display: grid;
81      grid-template-columns: 1fr 1fr 1fr;
82      grid-template-rows: auto auto auto;
83      border: white 5px;
84      background-color: grey;
85  }
```

```

87 #aboutweb {
88     text-align: left;
89     margin: 5px 55px;
90     color: white;
91 }

```



```

7 a {
8     text-decoration: underline;
9     color: green;
10    font-weight: bold;
11 }

```

Below is the new outcome of the code after editing the HTML code, applying CSS, and using grid.

Nicholas Steven

[Homepage](#) [Music](#) [CS](#) [Contact Form](#) [Credits](#)

About this website:
This website is all about Nicholas Steven

About Me:
My name is Nicholas Steven, I am currently an undergraduate student taking computer science major.



My Hobbies:
Below are some of my hobbies.

- 1. Sports
 - Gym
 - Basketball
 - Swimming
- 2. Playing Music Instruments
- 3. Playing Video Games
- 4. Photography

My Education:

Grade	Institution	Location
Elementary	SpringField	Indonesia
Junior High	BPK	Indonesia
High School	SVP	Indonesia
University	Dalhousie	Canada

Above is a table of all the detailed institution I attend each grade.
Below is a picture of the university I currently am attending.



Contact Information

- [Instagram: nicholas.s.r](#)
- Phone Number: 0877262012

The third example is applying CSS to my education history table in the index.html webpage. Below is the code snippet.

```
64     ⌂<section id="Education">
65         <h2><i>My Education:</i></h2>
66
67     ⌂<table>
68         <caption> Education </caption>
69         ⌂<tr>
70             <th>Grade</th>
71             <th>Institution</th>
72             <th>Location</th>
73         ⌂</tr>
74         ⌂<tr>
75             <td>Elementary</td>
76             <td>SpringField</td>
77             <td>Indonesia</td>
78         ⌂</tr>
79         ⌂<tr>
80             <td>Junior High</td>
81             <td>BPK</td>
82             <td>Indonesia</td>
83         ⌂</tr>
84         ⌂<tr>
85             <td>High School</td>
86             <td>SVP</td>
87             <td>Indonesia</td>
88         ⌂</tr>
89         ⌂<tr>
90             <td>University</td>
91             <td>Dalhousie</td>
92             <td>Canada</td>
93         ⌂</tr>
94     ⌂</table>
```

Below is the current outcome

My Education:

Education

Grade	Institution	Location
Elementary	SpringField	Indonesia
Junior High	BPK	Indonesia
High School	SVP	Indonesia
University	Dalhousie	Canada

Below is the desired outcome

My Education:

Education

Grade	Institution	Location
Elementary	SpringField	Indonesia
Junior High	BPK	Indonesia
High School	SVP	Indonesia
University	Dalhousie	Canada

Below is the code snippet using both HTML and CSS that could fix the problem finally

HTML:

```
66 |     <section class="grid-item" id="Education">
67 |         <h2><i>My Education:</i></h2>
68 |
69 |         <table>
70 |             <caption> Education </caption>
71 |             <tr>
72 |                 <th>Grade</th>
73 |                 <th>Institution</th>
74 |                 <th>Location</th>
75 |             </tr>
76 |             <tr>
77 |                 <td>Elementary</td>
78 |                 <td>SpringField</td>
79 |                 <td>Indonesia</td>
80 |             </tr>
81 |             <tr>
82 |                 <td>Junior High</td>
83 |                 <td>BPK</td>
84 |                 <td>Indonesia</td>
85 |             </tr>
86 |             <tr>
87 |                 <td>High School</td>
88 |                 <td>SVP</td>
89 |                 <td>Indonesia</td>
90 |             </tr>
91 |             <tr>
92 |                 <td>University</td>
93 |                 <td>Dalhousie</td>
94 |                 <td>Canada</td>
95 |             </tr>
```

```
96      /* Apply All */  
97  :root {  
98    background-color: black;  
99    color: white;  
100 }  
101  
102  * p {  
103    font-family: "arial", sans-serif;  
104 }  
105  
106  ■ p::first-letter {color: red}  
107  
108  h1 {  
109    font-size: 40px;  
110    text-align: center;  
111 }  
112  
113  h2, h3, h4, h5, h6 {  
114    font-size: 30px;  
115    margin: 5px 55px;  
116 }  
117  
118  table {  
119    text-align: left;  
120    margin: 5px 55px;  
121    background-color: red;  
122    border: 2px solid black;  
123    border-collapse: collapse;  
124 }  
125  
126  th, td {  
127    border: 2px solid black;  
128    padding: 8px;  
129 }  
130  
131  p, iframe, video, audio {  
132    text-align: left;  
133    margin: 5px 55px;  
134 }
```

CSS:

Below is the new outcome of the code.

Education		
Grade	Institution	Location
Elementary	SpringField	Indonesia
Junior High	BPK	Indonesia
High School	SVP	Indonesia
University	Dalhousie	Canada

The fourth example is applying CSS to my picture in the index.html webpage. Below is the code snippet.

```
39   <section id="AboutMe">
40     <h2><i>About Me:</i></h2>
41     <article id="introduction">
42       <p>My name is Nicholas Steven, I am currently an undergraduate student taking computer science major.</p>
43       
44   </section>
```

Below is the current outcome

About Me:

My name is Nicholas Steven, I am currently an undergraduate student taking computer science major.



Below is the desired outcome

About Me:

My name is Nicholas Steven, I am currently an undergraduate student taking computer science major.



Below is the code snippet using both HTML and CSS that could fix the problem finally

HTML:

```
39 <section class="gridcontainer">
40   <section class="grid-item" id="AboutMe">
41     <h2><i>About Me:</i></h2>
42     <article id="introduction">
43       <p>My name is Nicholas Steven, I am currently an undergraduate student taking computer science major.</p>
44       
45     </article>
46   </section>
```

CSS:

```
1  /* Apply All */
2  :root {
3    background-color: black;
4    color: white;
5  }
6
7  * p {
8    font-family: "arial", sans-serif;
9  }
10
11 p::first-letter {color: red}
12
13 h1 {
14   font-size: 40px;
15   text-align: center;
16 }
17
18 h2, h3, h4, h5, h6 {
19   font-size: 30px;
20   margin: 5px 55px;
21 }
```

```
36  p, iframe, video, audio {
37    text-align: left;
38    margin: 5px 55px;
39 }
```

```
229 /* Image */
230 #NicPhoto {
231   border: solid white 5px;
232   margin-left: 55px;
233   margin-top: 20px;
234   padding: 5px;
235 }
```

Below is the new outcome of the code.

About Me:

My name is Nicholas Steven, I am currently an undergraduate student taking computer science major.



The fifth example is applying CSS to my list and unordered list in the index.html webpage. Below is the code snippet.

```
46      <section id="Hobbies">
47          <h2><i>My Hobbies:</i></h2>
48          <article id="MyHobby">
49              <p>Below are some of my hobbies.</p>
50              <ol>
51                  <li>Sports</li>
52                      <ul>
53                          <li>Gym</li>
54                          <li>Basketball</li>
55                          <li>Swimming</li>
56                      </ul>
57                  <li>Playing Music Instruments</li>
58                  <li>Playing Video Games</li>
59                  <li>Photography</li>
60              </ol>
61          </article>
62      </section>
```

Below is the current outcome

My Hobbies:

Below are some of my hobbies.

1. Sports
 - Gym
 - Basketball
 - Swimming
2. Playing Music Instruments
3. Playing Video Games
4. Photography

Below is the desired outcome

My Hobbies:

Below are some of my hobbies.

1. Sports
 - Gym
 - Basketball
 - Swimming
2. Playing Music Instruments
3. Playing Video Games
4. Photography

Below is the code snippet using both HTML and CSS that could fix the problem finally

HTML:

```
48 |     <section class="grid-item" id="Hobbies">
49 |         <h2><i>My Hobbies:</i></h2>
50 |         <article id="MyHobby">
51 |             <p>Below are some of my hobbies.</p>
52 |             <ol>
53 |                 <li>Sports</li>
54 |                 <ul>
55 |                     <li>Gym</li>
56 |                     <li>Basketball</li>
57 |                     <li>Swimming</li>
58 |                 </ul>
59 |                 <li>Playing Music Instruments</li>
60 |                 <li>Playing Video Games</li>
61 |                 <li>Photography</li>
62 |             </ol>
63 |         </article>
64 |     </section>
```

CSS:

```
1  /* Apply All */
2  :root {
3      background-color: black;
4      color: white;
5  }
6
7  * p {
8      font-family: "arial", sans-serif;
9  }
10
11 p::first-letter {color: red}
12
13 h1 {
14     font-size: 40px;
15     text-align: center;
16 }
17
18 h2, h3, h4, h5, h6 {
19     font-size: 30px;
20     margin: 5px 55px;
21 }
```

```
36  p, iframe, video, audio {
37      text-align: left;
38      margin: 5px 55px;
39 }
40
41 ol {
42     text-align: left;
43     margin: 5px 55px;
44     background-color: darkgray;
45     color: white;
46 }
47
48 ol > ul {
49     text-align: left;
50     margin: 0px 0px;
51     background-color: darkgray;
52 }
```

Below is the new outcome of the code.

My Hobbies:

Below are some of my hobbies.

1. Sports
 - Gym
 - Basketball
 - Swimming
2. Playing Music Instruments
3. Playing Video Games
4. Photography