```
<!DOCTYPE html>
 1
 2
    <!-- Demonstrates HTML -->
 3
    <html lang="en">
        <head>
 6
            <title>hello, title</title>
 7
 8
        </head>
        <body>
 9
            hello, body
10
11
        </body>
12
    </html>
```

```
<!DOCTYPE html>
1
2
3
    <!-- Demonstrates paragraphs -->
4
5
    <html lang="en">
        <head>
6
            <title>paragraphs</title>
7
8
        </head>
9
        <body>
10
```

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vivamus convallis scelerisque quam, vel hendrerit lectus viverra eu. Praesent posuere eget lectus ut faucibus. Etiam eu velit laoreet, gravida lorem in, viverra est. Cras ut purus neque. In porttitor non lorem id lobortis. Mauris gravida metus libero, quis maximus dui porta at. Donec lacinia felis consectetur venenatis scelerisque. Nulla eu nisl sollicitudin, varius velit sit amet, vehicula erat. Curabitur sollicitudin felis sit amet orci mattis, a tempus nulla pulvinar. Aliquam erat volutpat.

12
13

Mauris ut dui in eros semper hendrerit. Morbi vel elit mi. Sed sit amet ex non quam dignissim dignissim et vel arcu. Pellentesque eget elementum orci. Morbi ac cursus ex. Pellentesque quis turpis blandit orci dapibus semper sed non nunc. Nulla et dolor nec lacus finibus volutpat. Sed non lorem diam. Donec feugiat interdum interdum. Vivamus et justo in enim blandit fermentum vel at elit. Phasellus eu ante vitae ligula varius aliquet. Etiam id posuere nibh.

15
16

Aenean venenatis convallis ante a rhoncus. Nullam in metus vel diam vehicula tincidunt. Donec lacinia metus sem, sit amet egestas elit blandit sit amet. Nunc egestas sem quis nisl mattis semper. Pellentesque ut magna congue lorem eleifend sodales. Donec tortor tortor, aliquam vitae mollis sed, interdum ut lectus. Mauris non purus quis ipsum lacinia tincidunt.

18
19

Integer at justo lacinia libero blandit aliquam ut ut dui. Quisque tincidunt facilisis venenatis. Nullam dictum odio quis lorem luctus, vel malesuada dolor luctus. Aenean placerat faucibus enim a facilisis. Maecenas eleifend quis massa sed eleifend. Ut ultricies, dui ac vulputate hendrerit, ex metus iaculis diam, vitae fermentum libero dui et ante. Phasellus suscipit, arcu ut consequat sagittis, massa urna accumsan massa, eu aliquet nulla lorem vitae arcu. Pellentesque rutrum felis et metus porta semper. Nam ac consectetur mauris.

21
22

Suspendisse rutrum vestibulum odio, sed venenatis purus condimentum sed. Morbi ornare tincidunt augue eu auctor. Vivamus sagittis ac lectus at aliquet. Nulla urna mauris, interdum non nibh in, vehicula porta enim. Donec et posuere sapien. Pellentesque ultrices scelerisque ipsum, vel fermentum nibh tincidunt et. Proin gravida porta ipsum nec scelerisque. Vestibulum fringilla erat at turpis laoreet, nec hendrerit nisi scelerisque.

24 </**p**>

25 <**p>**

Sed quis malesuada mi. Nam id purus quis augue sagittis pharetra. Nulla facilisi. Maecenas vel fringilla ante. Cras tristique, arcu sit amet blandit auctor, urna elit ultricies lacus, a malesuada eros dui id massa. Aliquam sem odio, pretium vel cursus eget, scelerisque at urna. Vestibulum posuere a turpis consectetur consectetur. Cras consequat, risus quis tempor egestas, nulla ipsum ornare erat, nec accumsan nibh lorem nec risus. Integer at iaculis lacus. Integer congue nunc massa, quis molestie felis pellentesque vestibulum. Nulla odio tortor, aliquam nec quam in, ornare aliquet sapien.

27 28 **</body>**

29 **</html>**

```
1
     <!DOCTYPE html>
 2
 3
     <!-- Demonstrates headings (for chapters, sections, subsections, etc.) -->
 4
 5
     <html lang="en">
 6
 7
         <head>
             <title>headings</title>
 8
 9
         </head>
10
11
         <body>
12
13
             <h1>0ne</h1>
14
             >
15
                 Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vivamus convallis scelerisque quam, vel
hendrerit lectus viverra eu. Praesent posuere eget lectus ut faucibus. Etiam eu velit laoreet, gravida lorem in,
viverra est. Cras ut purus neque. In porttitor non lorem id lobortis. Mauris gravida metus libero, quis maximus dui
porta at. Donec lacinia felis consectetur venenatis scelerisque. Nulla eu nisl sollicitudin, varius velit sit amet,
vehicula erat. Curabitur sollicitudin felis sit amet orci mattis, a tempus nulla pulvinar. Aliquam erat volutpat.
16
             17
18
             <h2>Two</h2>
19
                 Mauris ut dui in eros semper hendrerit. Morbi vel elit mi. Sed sit amet ex non quam dignissim
dignissim et vel arcu. Pellentesque eget elementum orci. Morbi ac cursus ex. Pellentesque quis turpis blandit orci
dapibus semper sed non nunc. Nulla et dolor nec lacus finibus volutpat. Sed non lorem diam. Donec feugiat interdum
interdum. Vivamus et justo in enim blandit fermentum vel at elit. Phasellus eu ante vitae ligula varius aliquet. Etiam
id posuere nibh.
21
             22
23
             <h3>Three</h3>
24
25
                 Aenean venenatis convallis ante a rhoncus. Nullam in metus vel diam vehicula tincidunt. Donec lacinia
metus sem, sit amet egestas elit blandit sit amet. Nunc egestas sem quis nisl mattis semper. Pellentesque ut magna
conque lorem eleifend sodales. Donec tortor tortor, aliguam vitae mollis sed, interdum ut lectus. Mauris non purus quis
ipsum lacinia tincidunt.
26
             27
28
             <h4>Four</h4>
29
             >
                 Integer at justo lacinia libero blandit aliquam ut ut dui. Quisque tincidunt facilisis venenatis.
```

Nullam dictum odio quis lorem luctus, vel malesuada dolor luctus. Aenean placerat faucibus enim a facilisis. Maecenas

eleifend quis massa sed eleifend. Ut ultricies, dui ac vulputate hendrerit, ex metus iaculis diam, vitae fermentum libero dui et ante. Phasellus suscipit, arcu ut consequat sagittis, massa urna accumsan massa, eu aliquet nulla lorem vitae arcu. Pellentesque rutrum felis et metus porta semper. Nam ac consectetur mauris.

Suspendisse rutrum vestibulum odio, sed venenatis purus condimentum sed. Morbi ornare tincidunt augue eu auctor. Vivamus sagittis ac lectus at aliquet. Nulla urna mauris, interdum non nibh in, vehicula porta enim. Donec et posuere sapien. Pellentesque ultrices scelerisque ipsum, vel fermentum nibh tincidunt et. Proin gravida porta ipsum nec scelerisque. Vestibulum fringilla erat at turpis laoreet, nec hendrerit nisi scelerisque.

Sed quis malesuada mi. Nam id purus quis augue sagittis pharetra. Nulla facilisi. Maecenas vel fringilla ante. Cras tristique, arcu sit amet blandit auctor, urna elit ultricies lacus, a malesuada eros dui id massa. Aliquam sem odio, pretium vel cursus eget, scelerisque at urna. Vestibulum posuere a turpis consectetur consectetur. Cras consequat, risus quis tempor egestas, nulla ipsum ornare erat, nec accumsan nibh lorem nec risus. Integer at iaculis lacus. Integer congue nunc massa, quis molestie felis pellentesque vestibulum. Nulla odio tortor, aliquam nec quam in, ornare aliquet sapien.

41
42
43 </bdd>
44
45 </html>

```
<!DOCTYPE html>
 1
 2
    <!-- Demonstrates (unordered) lists -->
 3
 4
    <html lang="en">
       <head>
 6
           <title>list</title>
 7
 8
       </head>
       <body>
 9
10
           ul>
11
               f00
12
               bar
               <li>baz</li>
13
14
           </ul>
15
       </body>
16
    </html>
```

```
<!DOCTYPE html>
 1
 2
    <!-- Demonstrates (ordered) lists -->
 3
 4
    <html lang="en">
       <head>
 6
           <title>list</title>
 7
 8
       </head>
       <body>
 9
10
           <ol>
11
               f00
12
               bar
               <li>baz</li>
13
14
           </ol>
15
       </body>
16
    </html>
```

```
1
  <!DOCTYPE html>
2
3
  <!-- Demonstrates table -->
4
5
  <html lang="en">
6
     <head>
       <title>table</title>
7
8
     </head>
     <body>
9
       10
11
          12
            1
13
            2
14
            3
15
          16
          17
            4
18
            5
19
            6
20
          21
          22
            7
23
            8
24
            9
25
          26
          27
            *
28
            0
29
            #
30
         31
       32
     </body>
33
  </html>
```

```
<!DOCTYPE html>
 1
 2
    <!-- Demonstrates image -->
 3
    <html lang="en">
        <head>
 6
            <title>image</title>
        </head>
 8
        <body>
 9
10
            <img alt="Harvard University" src="bridge.png">
11
        </body>
12
    </html>
```

```
<!DOCTYPE html>
 1
 2
    <!-- Demonstrates video -->
 3
 4
    <html lang="en">
        <head>
 6
            <title>video</title>
 7
        </head>
 8
        <body>
 9
            <video controls muted>
10
11
                <source src="video.mp4" type="video/mp4">
12
            </video>
13
        </body>
14
    </html>
```

```
<!DOCTYPE html>
 1
 2
    <!-- Demonstrates link -->
 3
    <html lang="en">
        <head>
 6
            <title>link</title>
        </head>
 8
        <body>
 9
10
           Visit <a href="image.html">Harvard</a>.
11
        </body>
12
    </html>
```

```
<!DOCTYPE html>
1
2
   <!-- Demonstrates form -->
3
   <html lang="en">
      <head>
6
         <title>search</title>
      </head>
8
      <body>
9
         10
11
12
13
         </form>
14
      </body>
15
   </html>
```

```
1
   <!DOCTYPE html>
2
   <!-- Demonstrates additional form attributes -->
3
   <html lang="en">
      <head>
6
         <title>search</title>
8
      </head>
      <body>
9
         10
11
            <button>Google Search</button>
12
13
        </form>
      </body>
14
15
   </html>
```

```
<!DOCTYPE html>
 1
 2
    <!-- Demonstrates type="email" -->
 3
    <html lang="en">
        <head>
 6
            <title>register</title>
        </head>
 8
        <body>
 9
            <form>
10
11
                <input autocomplete="off" autofocus name="email" placeholder="Email" type="email">
                <button>Register</putton>
12
13
            </form>
14
        </body>
15
    </html>
```

```
1
     <!DOCTYPE html>
 2
     <!-- Demonstrates pattern attribute for email -->
 3
     <html lang="en">
         <head>
 6
             <title>register</title>
 8
         </head>
         <body>
 9
             <form>
10
11
                 <input autocomplete="off" autofocus name="email" pattern=".+@.+\.edu" placeholder="Email"</pre>
type="email">
                 <button>Register</putton>
12
             </form>
13
         </body>
14
15
     </html>
```

```
1
    <!DOCTYPE html>
 2
    <!-- Demonstrates pattern attribute for phone number -->
 3
 4
    <html lang="en">
        <head>
 6
            <title>register</title>
 8
        </head>
        <body>
 9
            <form>
10
11
                <input autocomplete="off" autofocus name="phone" pattern="\d{3}-\d{4}" placeholder="Phone">
                <button>Register</putton>
12
13
            </form>
        </body>
14
15
    </html>
```

```
1
  <!DOCTYPE html>
2
  <!-- Demonstrates inline CSS with P tags -->
3
4
  <html lang="en">
5
     <head>
6
       <title>css</title>
7
8
     </head>
     <body>
9
       10
          John Harvard
11
12
       13
         Welcome to my home page!
14
15
       16
17
          Copyright © John Harvard
18
       19
     </body>
  </html>
20
```

```
1
    <!DOCTYPE html>
 2
    <!-- Demonstrates inline CSS with DIV tags -->
 3
 4
 5
    <html lang="en">
        <head>
 6
            <title>css</title>
 7
 8
        </head>
        <body>
 9
            <div style="font-size: large; text-align: center;">
10
                John Harvard
11
            </div>
12
            <div style="font-size: medium; text-align: center;">
13
                Welcome to my home page!
14
15
            </div>
            <div style="font-size: small; text-align: center;">
16
17
                Copyright © John Harvard
18
            </div>
19
        </body>
    </html>
20
```

```
1
    <!DOCTYPE html>
 2
 3
    <!-- Adds outer DIV, demonstrates cascading -->
 4
 5
    <html lang="en">
        <head>
 6
            <title>css</title>
 7
 8
        </head>
        <body>
 9
            <div style="text-align: center">
10
11
                <div style="font-size: large">
                    John Harvard
12
                </div>
13
                <div style="font-size: medium">
14
                    Welcome to my home page!
15
16
                </div>
17
                <div style="font-size: small">
18
                    Copyright © John Harvard
                </div>
19
            </div>
20
21
        </body>
22
    </html>
```

```
1
    <!DOCTYPE html>
 2
 3
    <!-- Removes outer DIV -->
 4
 5
    <html lang="en">
        <head>
 6
            <title>css</title>
 7
 8
        </head>
        <body style="text-align: center">
 9
            <div style="font-size: large">
10
11
                John Harvard
            </div>
12
            <div style="font-size: medium">
13
                Welcome to my home page!
14
15
            </div>
            <div style="font-size: small">
16
17
                Copyright © John Harvard
18
            </div>
19
        </body>
20
    </html>
```

```
1
    <!DOCTYPE html>
 2
 3
    <!-- Uses semantic tags instead of DIVs -->
 4
 5
    <html lang="en">
        <head>
 6
            <title>css</title>
 7
 8
        </head>
        <body style="text-align: center">
 9
            <header style="font-size: large">
10
11
                John Harvard
12
            </header>
13
            <main style="font-size: medium">
                Welcome to my home page!
14
15
            </main>
            <footer style="font-size: small">
16
17
                Copyright © John Harvard
18
            </footer>
19
        </body>
20
    </html>
```

```
<!DOCTYPE html>
 1
 2
    <!-- Demonstrates CSS selectors -->
 3
 4
    <html lang="en">
        <head>
 6
 7
            <style>
 8
                 body
 9
10
                 {
                     text-align: center;
11
12
13
14
                 header
15
16
                     font-size: large;
17
18
19
                 main
20
                     font-size: medium;
21
22
23
24
                 footer
25
                     font-size: small;
26
27
28
29
            </style>
30
            <title>css</title>
31
        </head>
32
        <body>
33
            <header>
34
                 John Harvard
35
            </header>
36
            <main>
37
                 Welcome to my home page!
38
             </main>
            <footer>
39
40
                 Copyright © John Harvard
41
            </footer>
```

- 42 </body>
 43 </html>

```
<!DOCTYPE html>
 1
 2
    <!-- Demonstrates class selectors -->
 3
 4
    <html lang="en">
        <head>
 6
 7
            <style>
 8
 9
                 centered
10
                     text-align: center;
11
12
13
                 .large
14
15
16
                     font-size: large;
17
18
19
                 .medium
20
                     font-size: medium;
21
22
23
24
                 .small
25
26
                     font-size: small;
27
28
29
            </style>
30
            <title>css</title>
31
        </head>
        <body class="centered">
32
33
            <header class="large">
34
                 John Harvard
            </header>
35
36
            <main class="medium">
                 Welcome to my home page!
37
38
             </main>
            <footer class="small">
39
40
                 Copyright © John Harvard
41
            </footer>
```

- </body>
- 42 43

```
1
    <!DOCTYPE html>
 2
 3
    <!-- Demonstrates external stylesheets -->
 4
    <html lang="en">
        <head>
 6
 7
            <link href="home5.css" rel="stylesheet">
            <title>css</title>
 8
        </head>
 9
        <body class="centered">
10
            <header class="large">
11
12
                John Harvard
13
            </header>
            <main class="medium">
14
15
                Welcome to my home page!
16
            </main>
17
            <footer class="small">
18
                Copyright © John Harvard
19
            </footer>
20
        </body>
21
    </html>
```

```
.centered
 1
        text-align: center;
 3
    .large
        font-size: large;
10
11
    medium
12
        font-size: medium;
13
14
    }
15
16
    .small
17
   {
        font-size: small;
18
19 }
```

```
1
    <!DOCTYPE html>
 2
    <!-- Demonstrates type selector and pseudoselector for link -->
 3
    <html lang="en">
        <head>
 6
 7
            <style>
 8
                 a {
 9
                     color: #ff0000;
10
11
                     text-decoration: none;
12
13
14
                 a:hover {
                     text-decoration: underline;
15
16
17
18
            </style>
            <title>link</title>
19
20
        </head>
21
        <body>
22
           Visit <a href="https://www.harvard.edu/">Harvard</a>.
23
        </body>
24
    </html>
```

```
1
     <!DOCTYPE html>
 2
     <!-- Demonstrates multiple ID selectors -->
 3
 4
 5
     <html lang="en">
         <head>
 6
 7
             <style>
 8
 9
                 #harvard
10
                 {
11
                     color: #ff0000;
12
13
                 #yale
14
15
                     color: #0000ff;
16
17
18
19
             </style>
             <title>link</title>
20
21
         </head>
         <body>
22
             Visit <a href="https://www.harvard.edu/" id="harvard">Harvard</a> or <a href="https://www.yale.edu/"
23
id="yale" >Yale</a>.
24
         </body>
25
     </html>
```

```
<!DOCTYPE html>
1
2
3
   <!-- Demonstrates table -->
4
5
   <html lang="en">
      <head>
6
7
         <title>phonebook</title>
8
      </head>
      <body>
9
         10
            <thead>
11
12
               13
                 Name
14
                 Number
15
              16
            </thead>
17
            18
              19
                 Carter
20
                 <td>+1-617-495-1000
21
              22
               23
                 David
24
                 +1-617-495-1000
25
              26
               27
                 John
28
                 <td>+1-949-468-2750</td>
29
              30
           31
        32
      </body>
33
   </html>
```

```
<!DOCTYPE html>
1
2
3
   <!-- Demonstrates table with Bootstrap -->
4
   <html lang="en">
5
      <head>
6
7
         <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet">
8
         <title>phonebook</title>
      </head>
9
10
      <body>
         11
12
            <thead>
13
               Name
14
                  Number
15
16
               17
            </thead>
18
            19
               20
                  Carter
                  <td>+1-617-495-1000
21
22
               23
               24
                  David
25
                  +1-949-468-2750
26
               27
            28
         </body>
29
30
   </html>
```

```
1
    <!DOCTYPE html>
 2
 3
    <!-- Demonstrates onsubmit -->
 4
    <html lang="en">
        <head>
 6
 7
            <script>
 8
                function greet()
 9
10
11
                     alert('hello, ' + document.querySelector('#name').value);
12
13
            </script>
14
            <title>hello</title>
15
16
        </head>
17
        <body>
18
            <form onsubmit="greet(); return false;">
                <input autocomplete="off" autofocus id="name" placeholder="Name" type="text">
19
                <input type="submit">
20
            </form>
21
22
        </body>
23
    </html>
```

```
<!DOCTYPE html>
 1
 2
    <!-- Demonstrates addEventListener -->
 3
 4
    <html lang="en">
 5
        <head>
 6
 7
            <title>hello</title>
 8
        </head>
        <body>
 9
            <form>
10
                <input autocomplete="off" autofocus id="name" placeholder="Name" type="text">
11
                <input type="submit">
12
13
            </form>
14
            <script>
15
16
                document.querySelector('form').addEventListener('submit', function(event) {
17
                     alert('hello, ' + document.querySelector('#name').value);
                     event.preventDefault();
18
19
                });
20
21
            </script>
22
        </body>
23
    </html>
```

```
<!DOCTYPE html>
 1
 2
    <!-- Demonstrates DOMContentLoaded -->
 3
 4
    <html lang="en">
        <head>
 6
 7
            <script>
 8
                document.addEventListener('DOMContentLoaded', function() {
 9
                    document.guerySelector('form').addEventListener('submit', function(e) {
10
                         alert('hello, ' + document.querySelector('#name').value);
11
12
                         e.preventDefault();
13
                    });
14
                });
15
16
            </script>
17
            <title>hello</title>
18
        </head>
19
        <body>
            <form>
20
21
                <input autocomplete="off" autofocus id="name" placeholder="Name" type="text">
                <input type="submit">
22
            </form>
23
24
        </body>
25
    </html>
```

```
1
    <!DOCTYPE html>
 2
    <!-- Demonstrates external JavaScript -->
 3
    <html lang="en">
        <head>
 6
 7
            <script src="hello4.js"></script>
            <title>hello</title>
 8
        </head>
 9
        <body>
10
11
            <form>
                <input autocomplete="off" autofocus id="name" placeholder="Name" type="text">
12
                <input type="submit">
13
            </form>
14
15
        </body>
16
    </html>
```

```
document.addEventListener('DOMContentLoaded', function() {
    document.querySelector('form').addEventListener('submit', function(e) {
        alert('hello, ' + document.querySelector('#name').value);
        e.preventDefault();
    });
}
```

```
<!DOCTYPE html>
 1
 2
    <!-- Demonstrates keyup and template literals -->
 3
 4
    <html lang="en">
 5
 6
        <head>
 7
            <script>
 8
                document.addEventListener('DOMContentLoaded', function() {
 9
10
                    let input = document.querySelector('input');
                    input.addEventListener('keyup', function(event) {
11
12
                         let name = document.querySelector('p');
13
                        if (input.value) {
                            name.innerHTML = `hello, ${input.value}`;
14
15
16
                        else {
                            name.innerHTML = 'hello, whoever you are';
17
18
19
                    });
                });
20
21
22
            </script>
            <title>hello</title>
23
24
        </head>
25
        <body>
26
            <form>
27
                <input autocomplete="off" autofocus placeholder="Name" type="text">
28
            </form>
            29
30
        </body>
31
    </html>
```

```
<!DOCTYPE html>
 1
 2
    <html lang="en">
 3
 4
        <head>
            <script>
 5
 6
 7
                document.addEventListener('DOMContentLoaded', function() {
                     document.querySelector('form').addEventListener('submit', function(e) {
 8
                         let name = document.querySelector('#name').value;
 9
                         let utterance = new SpeechSynthesisUtterance(`hello, ${name}`);
10
                         window.speechSynthesis.speak(utterance);
11
12
                         e.preventDefault();
13
                     });
14
                });
15
16
            </script>
17
            <title>title</title>
18
        </head>
19
        <body>
            <form>
20
21
                <input autocomplete="off" autofocus id="name" placeholder="Name" type="text">
                <input type="submit">
22
            </form>
23
24
        </body>
25
    </html>
```

```
<!DOCTYPE html>
1
2
3
   <!-- Demonstrates table -->
4
  <html lang="en">
5
6
     <head>
7
        <title>favorites</title>
8
     </head>
9
     <body>
10
        11
          <thead>
12
             Timestamp
13
               language
14
               problem
15
16
             17
          </thead>
18
          19
             10/15/2024 3:40:19
20
21
               Python
22
               Scratch
23
             24
             25
               10/15/2024 4:41:52
26
               Python
27
               Hello, World
28
             29
             10/15/2024 8:16:53
30
31
               C
32
               Tideman
33
             34
             10/15/2024 10:28:48
35
               Python
36
               Tideman
37
38
             39
             40
               10/15/2024 10:28:51
               Python
41
42
               Mario
```

```
43
            44
            45
              10/15/2024 10:28:51
              Python
46
47
              Credit
48
            49
            10/15/2024 10:28:52
50
51
              Python
              Filter
52
53
            54
            55
              10/15/2024 10:28:54
              Python
56
57
              Filter
58
            59
            10/15/2024 10:28:55
60
              Python
61
              Tideman
62
63
            64
            10/15/2024 10:28:55
65
              Python
66
67
              Hello, World
68
            69
            70
              10/15/2024 10:28:56
              C
71
              Mario
72
73
            74
            75
              10/15/2024 10:28:56
76
              Python
              Hello, World
77
78
            79
            10/15/2024 10:28:57
80
81
              Python
82
              Caesar
83
            84
```

```
85
               10/15/2024 10:28:58
86
               Python
               Scrabble
87
88
             89
             10/15/2024 10:28:58
90
               Python
91
92
               Speller
93
             94
             95
               10/15/2024 10:28:59
               Python
96
               Hello, World
97
98
             99
             100
               10/15/2024 10:28:59
101
               C
102
               Hello, World
103
             104
             105
               10/15/2024 10:29:00
               Python
106
               Hello, World
107
108
             109
             10/15/2024 10:29:00
110
               C
111
               Runoff
112
113
             114
             10/15/2024 10:29:00
115
116
               C
               Starting from Scratch
117
118
             119
             120
               10/15/2024 10:29:00
               Python
121
122
               Mario
123
             124
             125
               10/15/2024 10:29:00
               Python
126
```

```
127
                Starting from Scratch
128
             129
             130
               10/15/2024 10:29:00
                Python
131
                Tideman
132
133
             134
             135
               10/15/2024 10:29:01
136
                Python
                Starting from Scratch
137
138
             139
             140
                10/15/2024 10:29:01
141
                C
142
                Hello, World
143
             144
             145
               10/15/2024 10:29:02
                Python
146
147
                Cash
148
             149
             10/15/2024 10:29:02
150
                Python
151
152
                DNA
153
             154
             155
                10/15/2024 10:29:04
               Python
156
157
               Hello, World
158
             159
             160
               10/15/2024 10:29:05
                Python
161
               Hello, World
162
163
             164
             10/15/2024 10:29:05
165
166
                Python
                Tideman
167
168
```

```
169
             170
               10/15/2024 10:29:05
171
               Python
172
               Mario
173
             174
             175
                10/15/2024 10:29:06
176
               Python
177
               Sort
178
             179
             10/15/2024 10:29:06
180
               Python
181
182
               Caesar
183
             184
             10/15/2024 10:29:07
185
               Python
186
               DNA
187
             188
189
             190
               10/15/2024 10:29:07
               Python
191
               Hello, World
192
193
             194
             195
               10/15/2024 10:29:07
               Python
196
               Starting from Scratch
197
198
             199
             10/15/2024 10:29:07
200
               Python
201
202
               DNA
203
             204
             205
               10/15/2024 10:29:08
               Python
206
207
               Hello, World
208
             209
             10/15/2024 10:29:08
210
```

```
211
                Scratch
212
               Starting from Scratch
213
             214
             215
                10/15/2024 10:29:08
               Python
216
               Hello, World
217
218
             219
             220
                10/15/2024 10:29:08
221
                Python
222
                DNA
223
             224
             225
                10/15/2024 10:29:09
226
                C
               Tideman
227
228
             229
             10/15/2024 10:29:08
230
231
               Python
232
               Cash
233
             234
             235
                10/15/2024 10:29:09
                Python
236
237
                Tideman
238
             239
             10/15/2024 10:29:09
240
               Python
241
242
                Inheritance
243
             244
             245
                10/15/2024 10:29:09
               Python
246
247
                Mario
248
             249
             250
                10/15/2024 10:29:09
                <td>C</td>
251
252
                Tideman
```

```
253
             254
             255
               10/15/2024 10:29:10
256
               Python
257
               Runoff
258
             259
             10/15/2024 10:29:10
260
261
               Python
262
               Caesar
263
             264
             265
               10/15/2024 10:29:11
               Python
266
267
               Hello, World
268
             269
             270
               10/15/2024 10:29:12
271
               C
272
               Inheritance
273
             274
             10/15/2024 10:29:12
275
               Python
276
277
               Hello, World
278
             279
             280
               10/15/2024 10:29:12
               Python
281
282
               Filter
283
             284
             285
               10/15/2024 10:29:13
286
               C
               Starting from Scratch
287
288
             289
             10/15/2024 10:29:13
290
               Python
291
292
               Mario
293
             294
```

```
295
               10/15/2024 10:29:13
296
                Python
                Substitution
297
298
             299
             10/15/2024 10:29:13
300
301
                Scratch
302
                Starting from Scratch
303
             304
             305
                10/15/2024 10:29:14
                Python
306
307
                Tideman
308
             309
             310
                10/15/2024 10:29:15
                Python
311
312
                Sort
313
             314
             315
                10/15/2024 10:29:15
316
                Python
               Hello, World
317
318
             319
             10/15/2024 10:29:15
320
321
               Python
322
                Mario
323
             324
             325
                10/15/2024 10:29:16
                Python
326
327
                Volume
328
             329
             10/15/2024 10:29:16
330
                Python
331
332
                Sort
333
             334
             335
                10/15/2024 10:29:16
                C
336
```

```
337
               Inheritance
338
             339
             340
               10/15/2024 10:29:17
341
               C
               Tideman
342
343
             344
             345
               10/15/2024 10:29:17
346
               Python
               Hello, World
347
348
             349
             350
               10/15/2024 10:29:18
351
               Python
352
               Readability
353
             354
             10/15/2024 10:29:18
355
               Python
356
357
               Filter
358
             359
             10/15/2024 10:29:18
360
               C
361
               Scrabble
362
363
             364
             365
               10/15/2024 10:29:19
               Python
366
               Inheritance
367
368
             369
             370
               10/15/2024 10:29:20
               Python
371
372
               Filter
373
             374
             10/15/2024 10:29:20
375
376
               Python
               Mario
377
378
```

```
379
             380
               10/15/2024 10:29:22
381
               Python
382
               Scrabble
383
             384
             10/15/2024 10:29:22
385
               C
386
               Hello, World
387
388
             389
             390
               10/15/2024 10:29:22
               Python
391
392
               Inheritance
393
             394
             10/15/2024 10:29:23
395
               Python
396
               Plurality
397
398
             399
             400
               10/15/2024 10:29:24
               Python
401
               Mario
402
403
             404
             405
               10/15/2024 10:29:25
               Python
406
407
               Mario
408
             409
             10/15/2024 10:29:25
410
               Python
411
412
               Scrabble
413
             414
             10/15/2024 10:29:26
415
               Python
416
417
               Cash
418
             419
             10/15/2024 10:29:26
420
```

```
421
                Python
422
                Credit
423
             424
             10/15/2024 10:29:27
425
426
                Scratch
427
                Readability
428
             429
             430
                10/15/2024 10:29:27
431
                C
                Readability
432
433
             434
             435
                10/15/2024 10:29:26
436
                Python
437
                Hello, World
438
             439
             10/15/2024 10:29:28
440
                Python
441
442
                Readability
443
             444
             10/15/2024 10:29:28
445
                Python
446
                Inheritance
447
448
             449
             10/15/2024 10:29:28
450
                Python
451
452
                Sort
             453
454
             455
                10/15/2024 10:29:28
                Python
456
                Substitution
457
458
             459
             460
                10/15/2024 10:29:28
                Python
461
                Starting from Scratch
462
```

```
463
            464
             465
               10/15/2024 10:29:28
466
               Python
467
               Cash
468
             469
             470
               10/15/2024 10:29:29
471
               Python
472
               Inheritance
473
             474
             475
               10/15/2024 10:29:31
476
               C
477
               Mario
478
             479
             480
               10/15/2024 10:29:31
               Python
481
               Cash
482
483
             484
             485
               10/15/2024 10:29:31
               Python
486
487
               Filter
488
             489
             490
               10/15/2024 10:29:32
               Python
491
492
               Sort
493
             494
             495
               10/15/2024 10:29:32
496
               C
               Hello, World
497
498
            499
             10/15/2024 10:29:32
500
501
               Python
502
               DNA
503
             504
```

```
505
                10/15/2024 10:29:32
506
                Python
                Hello, World
507
508
             509
             510
                10/15/2024 10:29:32
511
                Scratch
512
                Starting from Scratch
513
             514
             515
                10/15/2024 10:29:32
                Python
516
517
                Mario
518
             519
             520
                10/15/2024 10:29:33
                Python
521
522
                Mario
523
             524
             525
                10/15/2024 10:29:33
526
                Python
527
                Mario
528
             529
             10/15/2024 10:29:33
530
                Python
531
532
                Inheritance
533
             534
             10/15/2024 10:29:33
535
                Python
536
                Starting from Scratch
537
538
             539
             540
                10/15/2024 10:29:33
541
                C
542
                Mario
543
             544
             545
                10/15/2024 10:29:33
                C
546
```

```
Hello, World
547
548
             549
             550
               10/15/2024 10:29:34
               Python
551
               DNA
552
553
             554
             555
               10/15/2024 10:29:34
               Python
556
557
               DNA
558
             559
             560
               10/15/2024 10:29:34
               Python
561
562
               Starting from Scratch
563
             564
             10/15/2024 10:29:34
565
               Python
566
567
               Mario
568
             569
             10/15/2024 10:29:34
570
               Python
571
572
               Mario
573
             574
             575
               10/15/2024 10:29:35
               Python
576
               Plurality
577
578
             579
             580
               10/15/2024 10:29:34
               C
581
               Readability
582
583
             584
             10/15/2024 10:29:34
585
586
               Python
               Starting from Scratch
587
588
```

```
589
             590
                10/15/2024 10:29:35
591
                Python
592
                Sort
593
             594
             595
                10/15/2024 10:29:35
596
                Python
597
                Caesar
598
             599
             10/15/2024 10:29:35
600
                Python
601
602
                Inheritance
603
             604
             10/15/2024 10:29:35
605
                Python
606
                Starting from Scratch
607
608
             609
             610
                10/15/2024 10:29:36
                Python
611
                Hello, World
612
613
             614
             615
                10/15/2024 10:29:36
                Python
616
617
                Caesar
618
             619
             10/15/2024 10:29:37
620
                Python
621
622
                Mario
623
             624
             10/15/2024 10:29:37
625
                Python
626
627
                Inheritance
628
             629
             10/15/2024 10:29:39
630
```

```
631
               C
632
               Filter
633
             634
             635
               10/15/2024 10:29:39
               Python
636
637
               Hello, It's Me
638
             639
             640
               10/15/2024 10:29:39
641
               Python
642
               Scrabble
643
             644
             645
               10/15/2024 10:29:40
646
               Python
647
               Hello, World
648
             649
             10/15/2024 10:29:40
650
651
               Python
652
               Hello, World
653
             654
             10/15/2024 10:29:40
655
               Python
656
657
               Cash
658
             659
             10/15/2024 10:29:41
660
               C
661
662
               Credit
663
             664
             665
               10/15/2024 10:29:41
666
               C
               Inheritance
667
668
             669
             670
               10/15/2024 10:29:42
               C
671
672
               Caesar
```

```
673
             674
             675
                10/15/2024 10:29:42
676
                Python
                Starting from Scratch
677
678
             679
             680
                10/15/2024 10:29:42
681
                Python
682
                Starting from Scratch
683
             684
             685
                10/15/2024 10:29:43
                Python
686
687
                DNA
688
             689
             10/15/2024 10:29:43
690
                Python
691
                Caesar
692
693
             694
             695
                10/15/2024 10:29:43
                Python
696
697
                Starting from Scratch
698
             699
             700
                10/15/2024 10:29:43
                C
701
                Starting from Scratch
702
703
             704
             705
                10/15/2024 10:29:43
706
                Python
                Filter
707
708
             709
             10/15/2024 10:29:43
710
                Python
711
712
                Scrabble
713
             714
```

```
715
               10/15/2024 10:29:43
716
               Python
717
               Sort
718
             719
             720
               10/15/2024 10:29:44
               C
721
722
               Mario
723
             724
             725
               10/15/2024 10:29:45
726
               Python
               Volume
727
728
             729
             730
               10/15/2024 10:29:45
               Python
731
               DNA
732
733
             734
             735
               10/15/2024 10:29:46
736
               Python
737
               Mario
738
             739
             10/15/2024 10:29:47
740
741
               Python
742
               Scrabble
743
             744
             10/15/2024 10:29:47
745
               Python
746
747
               Substitution
748
             749
             10/15/2024 10:29:47
750
               Python
751
752
               Mario
753
             754
             10/15/2024 10:29:47
755
756
               Python
```

```
757
                Mario
758
             759
             760
               10/15/2024 10:29:47
                Python
761
                Mario
762
763
             764
             765
                10/15/2024 10:29:47
766
                Python
                Starting from Scratch
767
768
             769
             770
                10/15/2024 10:29:48
771
               Python
772
                Hello, World
773
             774
             775
               10/15/2024 10:29:48
                Python
776
               Credit
777
778
             779
             10/15/2024 10:29:48
780
781
                Python
782
                Mario
783
             784
             785
                10/15/2024 10:29:49
786
                C
787
                Readability
788
             789
             790
               10/15/2024 10:29:49
                Python
791
792
               Starting from Scratch
793
             794
             795
                10/15/2024 10:29:49
796
                Python
                Readability
797
798
```

```
799
             800
                10/15/2024 10:29:50
801
               Python
802
               Starting from Scratch
803
             804
             10/15/2024 10:29:51
805
806
                Python
807
                Readability
808
             809
             10/15/2024 10:29:51
810
               Python
811
812
                Substitution
813
             814
             10/15/2024 10:29:51
815
               Python
816
               DNA
817
             818
819
             820
                10/15/2024 10:29:51
                Python
821
                Filter
822
823
             824
             825
                10/15/2024 10:29:51
826
               Python
827
                Runoff
828
             829
             10/15/2024 10:29:52
830
831
                C
832
               Cash
833
             834
             835
                10/15/2024 10:29:54
                Python
836
837
                Plurality
838
             839
             10/15/2024 10:29:54
840
```

```
Python
841
842
                Sort
843
             844
             845
                10/15/2024 10:29:54
                Python
846
                Hello, World
847
848
             849
             850
                10/15/2024 10:29:57
851
                C
                Starting from Scratch
852
853
             854
             855
                10/15/2024 10:29:58
856
                Python
857
                Hello, World
858
             859
             10/15/2024 10:29:59
860
861
                Python
862
                Speller
863
             864
             10/15/2024 10:29:59
865
                Python
866
                Hello, World
867
868
             869
             870
                10/15/2024 10:30:00
                Python
871
                Hello, World
872
873
             874
             875
                10/15/2024 10:30:01
                Python
876
                Inheritance
877
878
             879
             880
                10/15/2024 10:30:02
                Python
881
                Starting from Scratch
882
```

```
883
             884
             885
                10/15/2024 10:30:02
886
                Python
                Starting from Scratch
887
888
             889
             890
                10/15/2024 10:30:03
891
                C
892
                Starting from Scratch
893
             894
             895
                10/15/2024 10:30:03
                Python
896
897
                Mario
898
             899
             10/15/2024 10:30:04
900
                Python
901
                Starting from Scratch
902
903
             904
             10/15/2024 10:30:05
905
                Python
906
907
                Hello, World
908
             909
             910
                10/15/2024 10:30:05
911
                C
                Hello, World
912
913
             914
             915
                10/15/2024 10:30:06
916
                Python
                Inheritance
917
918
             919
             10/15/2024 10:30:08
920
                Python
921
922
                Cash
923
             924
```

```
925
                10/15/2024 10:30:08
926
                Python
927
                DNA
928
             929
             10/15/2024 10:30:08
930
                Python
931
932
                Plurality
933
             934
             935
                10/15/2024 10:30:11
                Python
936
937
                Caesar
938
             939
             940
                10/15/2024 10:30:12
                Python
941
                Scrabble
942
943
             944
             945
                10/15/2024 10:30:13
946
                C
947
                Tideman
948
             949
             10/15/2024 10:30:14
950
                Python
951
                DNA
952
953
             954
             955
                10/15/2024 10:30:14
                Python
956
                Starting from Scratch
957
958
             959
             10/15/2024 10:30:14
960
                Python
961
                Starting from Scratch
962
963
             964
             965
                10/15/2024 10:30:15
                Python
966
```

```
967
                Hello, It's Me
968
              969
              970
                10/15/2024 10:30:15
                Python
971
972
                Cash
973
             974
             975
                10/15/2024 10:30:16
976
                Python
                Starting from Scratch
977
978
             979
             980
                10/15/2024 10:30:16
981
                Python
982
                Cash
983
              984
             10/15/2024 10:30:16
985
                Python
986
987
                Hello, World
988
             989
             990
                10/15/2024 10:30:17
991
                Scratch
992
                Tideman
993
             994
             995
                10/15/2024 10:30:17
996
                C
997
                Recover
998
             999
              1000
                10/15/2024 10:30:17
                C
1001
1002
                DNA
1003
             1004
             1005
                10/15/2024 10:30:18
1006
                C
1007
                Scrabble
1008
```

```
1009
              1010
                 10/15/2024 10:30:18
1011
                 Python
1012
                 Tideman
1013
              1014
              1015
                 10/15/2024 10:30:18
                 C
1016
1017
                 Caesar
              1018
1019
              1020
                 10/15/2024 10:30:19
1021
                 Python
                 Hello, World
1022
1023
              1024
              10/15/2024 10:30:19
1025
1026
                 Scratch
                 Starting from Scratch
1027
              1028
1029
              1030
                 10/15/2024 10:30:19
                 Python
1031
                 Hello, World
1032
1033
              1034
              1035
                 10/15/2024 10:30:20
                 Python
1036
                 Hello, World
1037
1038
              1039
              10/15/2024 10:30:20
1040
                 Python
1041
1042
                 Hello, World
1043
              1044
              1045
                 10/15/2024 10:30:21
                 Python
1046
                 Credit
1047
              1048
1049
              10/15/2024 10:30:21
1050
```

```
1051
                C
1052
                Credit
1053
              1054
              1055
                10/15/2024 10:30:21
                Python
1056
                Hello, It's Me
1057
1058
              1059
              10/15/2024 10:30:22
1060
1061
                C
1062
                Caesar
1063
              1064
              10/15/2024 10:30:22
1065
1066
                Python
                Hello, World
1067
1068
              1069
              10/15/2024 10:30:22
1070
                Python
1071
1072
                Mario
1073
              1074
              1075
                10/15/2024 10:30:23
                Python
1076
                Sort
1077
              1078
1079
              1080
                10/15/2024 10:30:25
                Python
1081
                DNA
1082
1083
              1084
              1085
                10/15/2024 10:30:25
                Python
1086
1087
                DNA
1088
              1089
              1090
                10/15/2024 10:30:26
                Python
1091
                Inheritance
1092
```

```
1093
              1094
              1095
                 10/15/2024 10:30:26
1096
                 Python
                 Starting from Scratch
1097
1098
              1099
              1100
                 10/15/2024 10:30:26
1101
                 Python
                 Hello, It's Me
1102
1103
              1104
              1105
                 10/15/2024 10:30:26
                 Python
1106
1107
                 Hello, World
1108
              1109
              10/15/2024 10:30:27
1110
                 Python
1111
                 Filter
1112
1113
              1114
              1115
                 10/15/2024 10:30:28
                 Python
1116
                 Credit
1117
              1118
1119
              1120
                 10/15/2024 10:30:29
                 Python
1121
                 Hello, World
1122
1123
              1124
              1125
                 10/15/2024 10:30:30
1126
                 C
1127
                 Sort
1128
              1129
              10/15/2024 10:30:30
1130
                 Python
1131
1132
                 Substitution
1133
              1134
```

```
1135
                 10/15/2024 10:30:30
1136
                 Python
                 Hello, World
1137
1138
              1139
              10/15/2024 10:30:31
1140
                 C
1141
1142
                 Runoff
              1143
              1144
1145
                 10/15/2024 10:30:32
                 Python
1146
                 Hello, World
1147
1148
              1149
              1150
                 10/15/2024 10:30:32
1151
                 C
                 Credit
1152
1153
              1154
              1155
                 10/15/2024 10:30:33
                 Python
1156
1157
                 Substitution
1158
              1159
              10/15/2024 10:30:34
1160
                 Python
1161
                 Credit
1162
1163
              1164
              10/15/2024 10:30:34
1165
                 Python
1166
                 Mario
1167
1168
              1169
              10/15/2024 10:30:35
1170
1171
                 Python
                 Hello, World
1172
              1173
1174
              10/15/2024 10:30:35
1175
                 Python
1176
```

```
1177
                 Inheritance
1178
              1179
              1180
                10/15/2024 10:30:35
                 Python
1181
                 Sort
1182
1183
              1184
              1185
                 10/15/2024 10:30:36
                Python
1186
1187
                 Scrabble
1188
              1189
              1190
                 10/15/2024 10:30:36
1191
                Python
1192
                 Hello, World
1193
              1194
              10/15/2024 10:30:37
1195
1196
                 C
                 Filter
1197
1198
              1199
              10/15/2024 10:30:37
1200
                 Python
1201
                 Hello, It's Me
1202
              1203
1204
              1205
                 10/15/2024 10:30:38
                Python
1206
                 Sort
1207
1208
              1209
              1210
                10/15/2024 10:30:38
                Python
1211
                Mario
1212
1213
              1214
              10/15/2024 10:30:38
1215
1216
                 Python
                 Hello, World
1217
1218
```

```
1219
              1220
                 10/15/2024 10:30:38
1221
                 Python
1222
                Sort
1223
              1224
              1225
                 10/15/2024 10:30:39
                 Python
1226
1227
                 Inheritance
1228
              1229
              1230
                 10/15/2024 10:30:39
1231
                 Python
1232
                 Mario
1233
              1234
              10/15/2024 10:30:40
1235
1236
                 Python
                Sort
1237
1238
              1239
              1240
                 10/15/2024 10:30:40
                 Python
1241
                 Mario
1242
1243
              1244
              10/15/2024 10:30:40
1245
                 Python
1246
1247
                 Scrabble
1248
              1249
              10/15/2024 10:30:41
1250
                Python
1251
1252
                 DNA
1253
              1254
              1255
                 10/15/2024 10:30:41
1256
                 Scratch
                 Scrabble
1257
1258
              1259
              10/15/2024 10:30:42
1260
```

```
1261
                Python
1262
                Mario
1263
              1264
              1265
                10/15/2024 10:30:42
                Python
1266
                Hello, World
1267
1268
              1269
              1270
                10/15/2024 10:30:42
1271
                C
                Scrabble
1272
1273
              1274
              1275
                10/15/2024 10:30:42
1276
                Python
                Hello, World
1277
1278
              1279
              10/15/2024 10:30:43
1280
                C
1281
1282
                Plurality
1283
              1284
              10/15/2024 10:30:43
1285
                Python
1286
                Caesar
1287
              1288
1289
              1290
                10/15/2024 10:30:45
1291
                Python
                Mario
1292
1293
              1294
              1295
                10/15/2024 10:30:45
1296
                C
1297
                Tideman
1298
              1299
              1300
                10/15/2024 10:30:45
                Python
1301
                Credit
1302
```

```
1303
              1304
              1305
                 10/15/2024 10:30:46
1306
                 Python
1307
                 Sort
1308
              1309
              10/15/2024 10:30:47
1310
1311
                 Python
                 Hello, World
1312
1313
              1314
              1315
                 10/15/2024 10:30:47
1316
                 C
1317
                Credit
1318
              1319
              1320
                 10/15/2024 10:30:47
                Python
1321
                 Credit
1322
1323
              1324
              10/15/2024 10:30:48
1325
                 Python
1326
                Hello, World
1327
1328
              1329
              1330
                 10/15/2024 10:30:48
                 Python
1331
1332
                 Sort
1333
              1334
              1335
                 10/15/2024 10:30:48
1336
                 C
                 Starting from Scratch
1337
1338
              1339
              10/15/2024 10:30:49
1340
                 Python
1341
1342
                 Scrabble
1343
              1344
```

```
1345
                 10/15/2024 10:30:48
1346
                 Scratch
                 Starting from Scratch
1347
1348
              1349
              10/15/2024 10:30:50
1350
                 Python
1351
                 Scrabble
1352
1353
              1354
1355
                 10/15/2024 10:30:50
                 Python
1356
                 Hello, World
1357
1358
              1359
              1360
                 10/15/2024 10:30:53
                 Python
1361
                 Starting from Scratch
1362
1363
              1364
              1365
                 10/15/2024 10:30:54
                 C
1366
1367
                 Credit
1368
              1369
              10/15/2024 10:30:55
1370
                 Python
1371
                 Mario
1372
1373
              1374
              10/15/2024 10:30:55
1375
1376
                 C
1377
                 Inheritance
1378
              1379
              1380
                 10/15/2024 10:30:55
                 Python
1381
1382
                 Sort
              1383
1384
              1385
                 10/15/2024 10:30:55
                 Python
1386
```

```
1387
                 Inheritance
1388
              1389
              1390
                 10/15/2024 10:30:56
                 Python
1391
                 Hello, World
1392
1393
              1394
              1395
                 10/15/2024 10:30:57
                 C
1396
1397
                 Runoff
1398
              1399
              1400
                 10/15/2024 10:30:59
                 C
1401
1402
                 Starting from Scratch
1403
              1404
              1405
                 10/15/2024 10:31:00
                 Python
1406
                 Readability
1407
1408
              1409
              10/15/2024 10:31:00
1410
                 Python
1411
                 Readability
1412
1413
              1414
              1415
                 10/15/2024 10:31:00
                 Python
1416
                 Credit
1417
1418
              1419
              1420
                 10/15/2024 10:31:01
                 Scratch
1421
                 Starting from Scratch
1422
1423
              1424
              10/15/2024 10:31:02
1425
                 Scratch
1426
                 Hello, It's Me
1427
1428
```

```
1429
              1430
                 10/15/2024 10:31:07
1431
                 Python
1432
                 Inheritance
1433
              1434
              10/15/2024 10:31:07
1435
                 C
1436
1437
                 Credit
1438
              1439
              1440
                 10/15/2024 10:31:08
1441
                 Python
1442
                 Scrabble
1443
              1444
              1445
                 10/15/2024 10:31:13
                 C
1446
                 Hello, World
1447
1448
              1449
              10/15/2024 10:31:17
1450
1451
                 Scratch
                 Hello, It's Me
1452
1453
              1454
1455
                 10/15/2024 10:31:17
                 C
1456
1457
                 Mario
1458
              1459
              10/15/2024 10:31:17
1460
                 Python
1461
1462
                 Hello, World
1463
              1464
              10/15/2024 10:31:19
1465
1466
                 C
                 Starting from Scratch
1467
              1468
1469
              10/15/2024 10:31:21
1470
```

```
1471
                 C
1472
                 Inheritance
1473
              1474
              1475
                 10/15/2024 10:31:24
                 Python
1476
                 Inheritance
1477
1478
              1479
              10/15/2024 10:31:24
1480
                 Python
1481
                 Starting from Scratch
1482
1483
              1484
              1485
                 10/15/2024 10:31:31
1486
                 Python
                 Starting from Scratch
1487
1488
              1489
              10/15/2024 10:31:34
1490
                 Python
1491
1492
                 Hello, World
1493
              1494
              10/15/2024 10:31:41
1495
                 Python
1496
                 Runoff
1497
              1498
1499
              1500
                 10/15/2024 10:31:41
                 Python
1501
                 Hello, World
1502
1503
              1504
              1505
                 10/15/2024 10:31:43
                 Python
1506
                 Filter
1507
1508
              1509
              10/15/2024 10:31:49
1510
                 Python
1511
                 Sort
1512
```

```
1513
              1514
              1515
                 10/15/2024 10:31:55
1516
                 Python
1517
                 Tideman
1518
              1519
              1520
                 10/15/2024 10:31:56
                 Python
1521
                 Hello, World
1522
1523
              1524
              1525
                 10/15/2024 10:32:06
                 Python
1526
1527
                 Caesar
1528
              1529
              10/15/2024 10:32:12
1530
                 Python
1531
                 Starting from Scratch
1532
1533
              1534
              10/15/2024 10:32:17
1535
                 Python
1536
                 Readability
1537
              1538
1539
              1540
                 10/15/2024 10:32:23
                 Python
1541
1542
                 Inheritance
1543
              1544
              10/15/2024 10:32:31
1545
1546
                 Python
                 Starting from Scratch
1547
1548
              1549
              10/15/2024 10:32:33
1550
                 C
1551
1552
                 DNA
1553
              1554
```

```
1555
                 10/15/2024 10:32:35
1556
                 Python
                 Hello, World
1557
1558
               1559
               10/15/2024 10:32:47
1560
                 Python
1561
1562
                 Hello, World
1563
               1564
               10/15/2024 10:32:50
1565
                 C
1566
                 Hello, World
1567
1568
               1569
               1570
                 10/15/2024 10:32:50
1571
                 Python
1572
                 Substitution
1573
               1574
               1575
                 10/15/2024 10:32:52
1576
                 Python
                 Starting from Scratch
1577
1578
               1579
               10/15/2024 10:32:53
1580
                 <td>C</td>
1581
1582
                 Recover
1583
               1584
1585
         1586
      </body>
1587
    </html>
```

```
<!DOCTYPE html>
1
2
3
   <!-- Demonstrates table with Bootstrap -->
4
   <html lang="en">
5
6
     <head>
7
        <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet">
8
        <title>favorites</title>
9
     </head>
10
     <body>
11
        <thead>
12
13
              Timestamp
14
                language
15
16
                problem
17
              </thead>
18
           19
20
              21
                10/15/2024 3:40:19
22
                Python
23
                Scratch
24
              25
              26
                10/15/2024 4:41:52
27
                Python
28
                Hello, World
29
              30
              10/15/2024 8:16:53
31
32
                C
33
                Tideman
34
              35
              36
                10/15/2024 10:28:48
                Python
37
38
                Tideman
39
              40
              10/15/2024 10:28:51
41
                Python
42
```

```
43
              Mario
44
            45
            10/15/2024 10:28:51
46
              Python
47
              Credit
48
49
            50
            51
              10/15/2024 10:28:52
52
              Python
53
              Filter
54
            55
            10/15/2024 10:28:54
56
57
              Python
58
              Filter
59
            60
            10/15/2024 10:28:55
61
              Python
62
              Tideman
63
64
            65
            10/15/2024 10:28:55
66
67
              Python
              Hello, World
68
69
            70
            71
              10/15/2024 10:28:56
72
              C
73
              Mario
74
            75
            76
              10/15/2024 10:28:56
              Python
77
78
              Hello, World
79
            80
            81
              10/15/2024 10:28:57
82
              Python
              Caesar
83
84
```

```
85
             86
               10/15/2024 10:28:58
87
               Python
               Scrabble
88
89
             90
             91
               10/15/2024 10:28:58
92
               Python
               Speller
93
94
             95
             10/15/2024 10:28:59
96
               Python
97
               Hello, World
98
99
             100
             101
               10/15/2024 10:28:59
102
               C
               Hello, World
103
104
             105
             10/15/2024 10:29:00
106
               Python
107
               Hello, World
108
109
             110
             111
               10/15/2024 10:29:00
               C
112
113
               Runoff
114
             115
             10/15/2024 10:29:00
116
117
               C
118
               Starting from Scratch
119
             120
             10/15/2024 10:29:00
121
               Python
122
               Mario
123
124
             125
             10/15/2024 10:29:00
126
```

```
127
                Python
128
                Starting from Scratch
129
             130
             10/15/2024 10:29:00
131
               Python
132
133
                Tideman
134
             135
             136
               10/15/2024 10:29:01
                Python
137
                Starting from Scratch
138
139
             140
             141
                10/15/2024 10:29:01
142
                C
               Hello, World
143
144
             145
             10/15/2024 10:29:02
146
147
               Python
148
               Cash
149
             150
             10/15/2024 10:29:02
151
               Python
152
153
                DNA
154
             155
             156
               10/15/2024 10:29:04
157
               Python
                Hello, World
158
159
             160
             161
                10/15/2024 10:29:05
               Python
162
                Hello, World
163
164
             165
             166
                10/15/2024 10:29:05
                Python
167
168
                Tideman
```

```
169
             170
             171
               10/15/2024 10:29:05
172
               Python
173
               Mario
174
             175
             176
               10/15/2024 10:29:06
177
               Python
178
               Sort
179
             180
             181
               10/15/2024 10:29:06
               Python
182
183
               Caesar
184
             185
             10/15/2024 10:29:07
186
187
               Python
188
               DNA
189
             190
             10/15/2024 10:29:07
191
               Python
192
193
               Hello, World
194
             195
             196
               10/15/2024 10:29:07
               Python
197
               Starting from Scratch
198
199
             200
             201
               10/15/2024 10:29:07
202
               Python
               DNA
203
204
             205
             10/15/2024 10:29:08
206
207
               Python
208
               Hello, World
209
             210
```

```
211
               10/15/2024 10:29:08
212
               Scratch
               Starting from Scratch
213
214
             215
             10/15/2024 10:29:08
216
               Python
217
218
               Hello, World
219
             220
             221
               10/15/2024 10:29:08
222
               Python
223
               DNA
224
             225
             226
               10/15/2024 10:29:09
227
               C
228
               Tideman
229
             230
             231
               10/15/2024 10:29:08
232
               Python
233
               Cash
234
             235
             10/15/2024 10:29:09
236
237
               Python
238
               Tideman
239
             240
             10/15/2024 10:29:09
241
               Python
242
243
               Inheritance
244
             245
             10/15/2024 10:29:09
246
               Python
247
248
               Mario
             249
250
             251
               10/15/2024 10:29:09
               C
252
```

```
253
               Tideman
254
             255
             256
               10/15/2024 10:29:10
               Python
257
               Runoff
258
259
             260
             261
               10/15/2024 10:29:10
262
               Python
263
               Caesar
264
             265
             10/15/2024 10:29:11
266
267
               Python
268
               Hello, World
269
             270
             271
               10/15/2024 10:29:12
272
               C
273
               Inheritance
274
             275
             10/15/2024 10:29:12
276
277
               Python
278
               Hello, World
279
             280
             281
               10/15/2024 10:29:12
               Python
282
283
               Filter
284
             285
             286
               10/15/2024 10:29:13
               C
287
               Starting from Scratch
288
289
             290
             10/15/2024 10:29:13
291
292
               Python
               Mario
293
294
```

```
295
             296
                10/15/2024 10:29:13
297
                Python
298
               Substitution
299
             300
             301
                10/15/2024 10:29:13
302
                Scratch
303
               Starting from Scratch
304
             305
             10/15/2024 10:29:14
306
               Python
307
308
                Tideman
309
             310
             311
                10/15/2024 10:29:15
312
                Python
               Sort
313
314
             315
             316
                10/15/2024 10:29:15
                Python
317
                Hello, World
318
319
             320
             321
                10/15/2024 10:29:15
322
               Python
323
                Mario
324
             325
             10/15/2024 10:29:16
326
               Python
327
328
               Volume
329
             330
             10/15/2024 10:29:16
331
                Python
332
333
                Sort
334
             335
             10/15/2024 10:29:16
336
```

```
337
               C
338
               Inheritance
339
             340
             341
               10/15/2024 10:29:17
               C
342
               Tideman
343
344
             345
             346
               10/15/2024 10:29:17
347
               Python
               Hello, World
348
349
             350
             351
               10/15/2024 10:29:18
352
               Python
               Readability
353
354
             355
             10/15/2024 10:29:18
356
357
               Python
358
               Filter
359
             360
             10/15/2024 10:29:18
361
362
               C
363
               Scrabble
364
             365
             10/15/2024 10:29:19
366
               Python
367
368
               Inheritance
369
             370
             371
               10/15/2024 10:29:20
372
               Python
373
               Filter
374
             375
             376
               10/15/2024 10:29:20
               Python
377
378
               Mario
```

```
379
             380
             381
               10/15/2024 10:29:22
382
               Python
               Scrabble
383
384
             385
             386
               10/15/2024 10:29:22
387
               C
388
               Hello, World
389
             390
             391
               10/15/2024 10:29:22
               Python
392
393
               Inheritance
394
             395
             10/15/2024 10:29:23
396
               Python
397
               Plurality
398
399
             400
             10/15/2024 10:29:24
401
               Python
402
403
               Mario
404
             405
             406
               10/15/2024 10:29:25
               Python
407
408
               Mario
409
             410
             411
               10/15/2024 10:29:25
412
               Python
               Scrabble
413
414
             415
             10/15/2024 10:29:26
416
417
               Python
418
               Cash
419
             420
```

```
421
                10/15/2024 10:29:26
422
                Python
                Credit
423
424
             425
             426
                10/15/2024 10:29:27
427
                Scratch
                Readability
428
429
             430
             431
                10/15/2024 10:29:27
                C
432
                Readability
433
434
             435
             436
                10/15/2024 10:29:26
                Python
437
                Hello, World
438
439
             440
             441
                10/15/2024 10:29:28
442
                Python
                Readability
443
444
             445
             10/15/2024 10:29:28
446
                Python
447
                Inheritance
448
449
             450
             10/15/2024 10:29:28
451
                Python
452
453
                Sort
454
             455
             10/15/2024 10:29:28
456
                Python
457
458
                Substitution
459
             460
             461
                10/15/2024 10:29:28
                Python
462
```

```
463
               Starting from Scratch
464
             465
             466
               10/15/2024 10:29:28
               Python
467
               Cash
468
469
             470
             471
               10/15/2024 10:29:29
472
               Python
               Inheritance
473
474
             475
             10/15/2024 10:29:31
476
477
               C
478
               Mario
479
             480
             10/15/2024 10:29:31
481
               Python
482
483
               Cash
484
             485
             10/15/2024 10:29:31
486
487
               Python
488
               Filter
489
             490
             491
               10/15/2024 10:29:32
               Python
492
493
               Sort
494
             495
             496
               10/15/2024 10:29:32
               C
497
               Hello, World
498
499
             500
             10/15/2024 10:29:32
501
502
               Python
               DNA
503
504
```

```
505
             506
                10/15/2024 10:29:32
507
                Python
                Hello, World
508
509
             510
             511
                10/15/2024 10:29:32
512
                Scratch
513
                Starting from Scratch
514
             515
             10/15/2024 10:29:32
516
                Python
517
518
                Mario
519
             520
             521
                10/15/2024 10:29:33
522
                Python
523
                Mario
524
             525
             526
                10/15/2024 10:29:33
                Python
527
528
                Mario
529
             530
             531
                10/15/2024 10:29:33
532
                Python
533
                Inheritance
534
             535
             10/15/2024 10:29:33
536
537
                Python
538
                Starting from Scratch
539
             540
             10/15/2024 10:29:33
541
542
                C
543
                Mario
544
             545
             10/15/2024 10:29:33
546
```

```
C
547
548
               Hello, World
549
             550
             551
               10/15/2024 10:29:34
               Python
552
               DNA
553
554
             555
             556
               10/15/2024 10:29:34
557
               Python
558
               DNA
559
             560
             10/15/2024 10:29:34
561
562
               Python
               Starting from Scratch
563
564
             565
             10/15/2024 10:29:34
566
567
               Python
568
               Mario
569
             570
             10/15/2024 10:29:34
571
               Python
572
               Mario
573
574
             575
             10/15/2024 10:29:35
576
               Python
577
               Plurality
578
579
             580
             581
               10/15/2024 10:29:34
582
               C
               Readability
583
584
             585
             586
               10/15/2024 10:29:34
               Python
587
               Starting from Scratch
588
```

```
589
             590
             591
               10/15/2024 10:29:35
592
               Python
593
               Sort
594
             595
             596
               10/15/2024 10:29:35
597
               Python
598
               Caesar
599
             600
             601
               10/15/2024 10:29:35
               Python
602
603
               Inheritance
604
             605
             10/15/2024 10:29:35
606
               Python
607
               Starting from Scratch
608
609
             610
             10/15/2024 10:29:36
611
               Python
612
613
               Hello, World
614
             615
             616
               10/15/2024 10:29:36
               Python
617
618
               Caesar
619
             620
             621
               10/15/2024 10:29:37
622
               Python
               Mario
623
624
             625
             10/15/2024 10:29:37
626
               Python
627
628
               Inheritance
629
             630
```

```
631
               10/15/2024 10:29:39
632
               C
633
               Filter
634
             635
             10/15/2024 10:29:39
636
637
               Python
               Hello, It's Me
638
639
             640
             641
               10/15/2024 10:29:39
               Python
642
               Scrabble
643
644
             645
             646
               10/15/2024 10:29:40
647
               Python
               Hello, World
648
649
             650
             651
               10/15/2024 10:29:40
652
               Python
               Hello, World
653
654
             655
             10/15/2024 10:29:40
656
               Python
657
               Cash
658
659
             660
             10/15/2024 10:29:41
661
662
               C
663
               Credit
664
             665
             666
               10/15/2024 10:29:41
667
               C
668
               Inheritance
669
             670
             671
               10/15/2024 10:29:42
               C
672
```

```
673
                Caesar
674
             675
             676
                10/15/2024 10:29:42
                Python
677
                Starting from Scratch
678
679
             680
             681
                10/15/2024 10:29:42
682
                Python
                Starting from Scratch
683
684
             685
             686
                10/15/2024 10:29:43
687
                Python
688
                DNA
689
             690
             10/15/2024 10:29:43
691
                Python
692
                Caesar
693
694
             695
             10/15/2024 10:29:43
696
697
                Python
                Starting from Scratch
698
699
             700
             701
                10/15/2024 10:29:43
702
                C
703
                Starting from Scratch
704
             705
             706
                10/15/2024 10:29:43
                Python
707
                Filter
708
709
             710
             10/15/2024 10:29:43
711
712
                Python
                Scrabble
713
714
```

```
715
             10/15/2024 10:29:43
716
717
               Python
718
               Sort
719
             720
             10/15/2024 10:29:44
721
722
               C
723
               Mario
724
             725
             726
               10/15/2024 10:29:45
727
               Python
728
               Volume
729
             730
             10/15/2024 10:29:45
731
732
               Python
733
               DNA
734
             735
             736
               10/15/2024 10:29:46
               Python
737
               Mario
738
739
             740
             741
               10/15/2024 10:29:47
742
               Python
743
               Scrabble
744
             745
             10/15/2024 10:29:47
746
747
               Python
748
               Substitution
749
             750
             10/15/2024 10:29:47
751
               Python
752
               Mario
753
754
             755
             756
               10/15/2024 10:29:47
```

```
757
                Python
758
                Mario
759
             760
             10/15/2024 10:29:47
761
                Python
762
763
                Mario
764
             765
             766
                10/15/2024 10:29:47
                Python
767
                Starting from Scratch
768
769
             770
             771
                10/15/2024 10:29:48
772
                Python
                Hello, World
773
774
             775
             10/15/2024 10:29:48
776
777
                Python
778
                Credit
779
             780
             781
                10/15/2024 10:29:48
                Python
782
                Mario
783
784
             785
             10/15/2024 10:29:49
786
787
                C
                Readability
788
789
             790
             10/15/2024 10:29:49
791
792
                Python
                Starting from Scratch
793
794
             795
             796
                10/15/2024 10:29:49
                Python
797
                Readability
798
```

```
799
             800
             801
               10/15/2024 10:29:50
802
               Python
               Starting from Scratch
803
804
             805
             806
               10/15/2024 10:29:51
               Python
807
808
               Readability
809
             810
             811
               10/15/2024 10:29:51
               Python
812
813
               Substitution
814
             815
             10/15/2024 10:29:51
816
               Python
817
818
               DNA
819
             820
             821
               10/15/2024 10:29:51
               Python
822
823
               Filter
824
             825
             826
               10/15/2024 10:29:51
               Python
827
               Runoff
828
829
             830
             831
               10/15/2024 10:29:52
832
               C
833
               Cash
834
             835
             10/15/2024 10:29:54
836
837
               Python
838
               Plurality
839
             840
```

```
10/15/2024 10:29:54
841
842
                Python
843
                Sort
844
             845
             10/15/2024 10:29:54
846
                Python
847
                Hello, World
848
849
             850
             851
                10/15/2024 10:29:57
852
                C
                Starting from Scratch
853
854
             855
             856
                10/15/2024 10:29:58
857
                Python
                Hello, World
858
859
             860
             861
                10/15/2024 10:29:59
862
                Python
                Speller
863
864
             865
             10/15/2024 10:29:59
866
                Python
867
                Hello, World
868
869
             870
             10/15/2024 10:30:00
871
                Python
872
873
                Hello, World
874
             875
             876
                10/15/2024 10:30:01
                Python
877
878
                Inheritance
879
             880
             881
                10/15/2024 10:30:02
                Python
882
```

```
883
                Starting from Scratch
884
             885
             886
                10/15/2024 10:30:02
                Python
887
                Starting from Scratch
888
889
             890
             891
                10/15/2024 10:30:03
892
                C
                Starting from Scratch
893
894
             895
             896
                10/15/2024 10:30:03
897
                Python
898
                Mario
899
             900
             10/15/2024 10:30:04
901
                Python
902
                Starting from Scratch
903
904
             905
             10/15/2024 10:30:05
906
907
                Python
                Hello, World
908
909
             910
             911
                10/15/2024 10:30:05
912
                C
913
                Hello, World
914
             915
             916
                10/15/2024 10:30:06
                Python
917
                Inheritance
918
919
             920
             10/15/2024 10:30:08
921
922
                Python
                Cash
923
924
```

```
925
             926
                10/15/2024 10:30:08
927
                Python
928
                DNA
929
             930
             931
                10/15/2024 10:30:08
932
                Python
                Plurality
933
934
             935
             10/15/2024 10:30:11
936
                Python
937
938
                Caesar
939
             940
             941
                10/15/2024 10:30:12
942
                Python
                Scrabble
943
             944
945
             946
                10/15/2024 10:30:13
947
                C
948
                Tideman
949
             950
             951
                10/15/2024 10:30:14
952
                Python
953
                DNA
954
             955
             10/15/2024 10:30:14
956
957
                Python
958
                Starting from Scratch
959
             960
             10/15/2024 10:30:14
961
                Python
962
                Starting from Scratch
963
964
             965
             10/15/2024 10:30:15
966
```

```
Python
967
                Hello, It's Me
968
969
              970
              971
                10/15/2024 10:30:15
                Python
972
973
                Cash
974
              975
              976
                10/15/2024 10:30:16
977
                Python
978
                Starting from Scratch
979
              980
              981
                10/15/2024 10:30:16
982
                Python
                Cash
983
984
              985
              10/15/2024 10:30:16
986
987
                Python
988
                Hello, World
989
              990
              991
                10/15/2024 10:30:17
992
                Scratch
993
                Tideman
994
              995
              996
                10/15/2024 10:30:17
997
                C
998
                Recover
999
              1000
              1001
                10/15/2024 10:30:17
1002
                C
1003
                DNA
1004
              1005
              1006
                10/15/2024 10:30:18
                <td>C</td>
1007
                Scrabble
1008
```

```
1009
              1010
              1011
                 10/15/2024 10:30:18
1012
                 Python
1013
                 Tideman
1014
              1015
              10/15/2024 10:30:18
1016
1017
                 C
1018
                 Caesar
1019
              1020
              1021
                 10/15/2024 10:30:19
                 Python
1022
1023
                 Hello, World
1024
              1025
              1026
                 10/15/2024 10:30:19
                 Scratch
1027
                 Starting from Scratch
1028
1029
              1030
              10/15/2024 10:30:19
1031
                 Python
1032
                 Hello, World
1033
1034
              1035
              1036
                 10/15/2024 10:30:20
                 Python
1037
                 Hello, World
1038
1039
              1040
              10/15/2024 10:30:20
1041
1042
                 Python
                 Hello, World
1043
1044
              1045
              10/15/2024 10:30:21
1046
                 Python
1047
                 Credit
1048
1049
              1050
```

```
1051
                10/15/2024 10:30:21
1052
                C
1053
                Credit
1054
              1055
              10/15/2024 10:30:21
1056
                Python
1057
                Hello, It's Me
1058
1059
              1060
1061
                10/15/2024 10:30:22
                C
1062
1063
                Caesar
1064
              1065
              1066
                10/15/2024 10:30:22
                Python
1067
                Hello, World
1068
1069
              1070
              1071
                10/15/2024 10:30:22
1072
                Python
1073
                Mario
1074
              1075
              10/15/2024 10:30:23
1076
                Python
1077
                Sort
1078
1079
              1080
              10/15/2024 10:30:25
1081
                Python
1082
1083
                DNA
1084
              1085
              10/15/2024 10:30:25
1086
                Python
1087
1088
                DNA
              1089
1090
              1091
                10/15/2024 10:30:26
                Python
1092
```

```
1093
                 Inheritance
1094
              1095
              10/15/2024 10:30:26
1096
                 Python
1097
                 Starting from Scratch
1098
1099
              1100
              1101
                 10/15/2024 10:30:26
                 Python
1102
                 Hello, It's Me
1103
1104
              1105
              1106
                 10/15/2024 10:30:26
1107
                 Python
1108
                 Hello, World
1109
              1110
              1111
                 10/15/2024 10:30:27
                 Python
1112
                 Filter
1113
1114
              1115
              10/15/2024 10:30:28
1116
                 Python
1117
                 Credit
1118
1119
              1120
              1121
                 10/15/2024 10:30:29
                 Python
1122
1123
                 Hello, World
1124
              1125
              1126
                 10/15/2024 10:30:30
1127
                 C
1128
                 Sort
1129
              1130
              10/15/2024 10:30:30
1131
1132
                 Python
1133
                 Substitution
1134
```

```
1135
              1136
                 10/15/2024 10:30:30
1137
                 Python
1138
                 Hello, World
1139
              1140
              1141
                 10/15/2024 10:30:31
                 C
1142
1143
                 Runoff
              1144
1145
              1146
                 10/15/2024 10:30:32
1147
                 Python
                 Hello, World
1148
1149
              1150
              1151
                 10/15/2024 10:30:32
1152
                 C
                 Credit
1153
1154
              1155
              10/15/2024 10:30:33
1156
                 Python
1157
                 Substitution
1158
1159
              1160
              1161
                 10/15/2024 10:30:34
                 Python
1162
1163
                 Credit
1164
              1165
              10/15/2024 10:30:34
1166
                 Python
1167
                 Mario
1168
1169
              1170
              1171
                 10/15/2024 10:30:35
                 Python
1172
                 Hello, World
1173
1174
              1175
              10/15/2024 10:30:35
1176
```

```
1177
                 Python
1178
                 Inheritance
1179
              1180
              1181
                 10/15/2024 10:30:35
                 Python
1182
                 Sort
1183
1184
              1185
              10/15/2024 10:30:36
1186
                 Python
1187
                 Scrabble
1188
1189
              1190
              1191
                 10/15/2024 10:30:36
1192
                 Python
                 Hello, World
1193
1194
              1195
              10/15/2024 10:30:37
1196
                 C
1197
1198
                 Filter
1199
              1200
              10/15/2024 10:30:37
1201
                 Python
1202
                 Hello, It's Me
1203
1204
              1205
              1206
                 10/15/2024 10:30:38
                 Python
1207
                 Sort
1208
1209
              1210
              1211
                 10/15/2024 10:30:38
                 Python
1212
1213
                 Mario
1214
              1215
              1216
                 10/15/2024 10:30:38
                 Python
1217
                 Hello, World
1218
```

```
1219
              1220
              1221
                10/15/2024 10:30:38
1222
                Python
1223
                Sort
1224
              1225
              10/15/2024 10:30:39
1226
1227
                Python
1228
                Inheritance
1229
              1230
              1231
                10/15/2024 10:30:39
                Python
1232
1233
                Mario
1234
              1235
              1236
                10/15/2024 10:30:40
                Python
1237
                Sort
1238
1239
              1240
              1241
                10/15/2024 10:30:40
                Python
1242
                Mario
1243
              1244
1245
              1246
                10/15/2024 10:30:40
                Python
1247
                Scrabble
1248
1249
              1250
              1251
                10/15/2024 10:30:41
1252
                Python
1253
                DNA
1254
              1255
              1256
                10/15/2024 10:30:41
                Scratch
1257
1258
                Scrabble
1259
              1260
```

```
1261
                 10/15/2024 10:30:42
1262
                 Python
                Mario
1263
1264
              1265
              10/15/2024 10:30:42
1266
                 Python
1267
                 Hello, World
1268
1269
              1270
              1271
                 10/15/2024 10:30:42
                 C
1272
                Scrabble
1273
1274
              1275
              1276
                 10/15/2024 10:30:42
                Python
1277
                 Hello, World
1278
1279
              1280
              1281
                 10/15/2024 10:30:43
                 C
1282
                 Plurality
1283
1284
              1285
              10/15/2024 10:30:43
1286
                 Python
1287
                 Caesar
1288
1289
              1290
              10/15/2024 10:30:45
1291
                Python
1292
1293
                 Mario
1294
              1295
              10/15/2024 10:30:45
1296
1297
                 C
1298
                 Tideman
              1299
1300
              1301
                 10/15/2024 10:30:45
                 Python
1302
```

```
1303
                 Credit
1304
              1305
              1306
                10/15/2024 10:30:46
                 Python
1307
                 Sort
1308
1309
              1310
              1311
                 10/15/2024 10:30:47
                Python
1312
                 Hello, World
1313
1314
              1315
              1316
                 10/15/2024 10:30:47
1317
                 C
1318
                 Credit
1319
              1320
              10/15/2024 10:30:47
1321
                Python
1322
                Credit
1323
1324
              1325
              10/15/2024 10:30:48
1326
                Python
1327
                 Hello, World
1328
              1329
1330
              1331
                 10/15/2024 10:30:48
                 Python
1332
1333
                 Sort
1334
              1335
              1336
                10/15/2024 10:30:48
1337
                C
                Starting from Scratch
1338
1339
              1340
              10/15/2024 10:30:49
1341
1342
                 Python
                 Scrabble
1343
1344
```

```
1345
              1346
                 10/15/2024 10:30:48
1347
                 Scratch
1348
                 Starting from Scratch
1349
              1350
              1351
                 10/15/2024 10:30:50
                 Python
1352
                 Scrabble
1353
              1354
1355
              1356
                 10/15/2024 10:30:50
1357
                 Python
                 Hello, World
1358
1359
              1360
              10/15/2024 10:30:53
1361
                 Python
1362
                 Starting from Scratch
1363
              1364
1365
              10/15/2024 10:30:54
1366
1367
                 C
1368
                 Credit
1369
              1370
              1371
                 10/15/2024 10:30:55
                 Python
1372
1373
                 Mario
1374
              1375
              10/15/2024 10:30:55
1376
1377
                 C
1378
                 Inheritance
1379
              1380
              1381
                 10/15/2024 10:30:55
                 Python
1382
                 Sort
1383
1384
              1385
              10/15/2024 10:30:55
1386
```

```
1387
                 Python
1388
                 Inheritance
1389
              1390
              1391
                 10/15/2024 10:30:56
                 Python
1392
                 Hello, World
1393
1394
              1395
              1396
                 10/15/2024 10:30:57
1397
                 C
                 Runoff
1398
1399
              1400
              10/15/2024 10:30:59
1401
1402
                 C
                 Starting from Scratch
1403
1404
              1405
              10/15/2024 10:31:00
1406
                 Python
1407
1408
                 Readability
1409
              1410
              10/15/2024 10:31:00
1411
                 Python
1412
                 Readability
1413
1414
              1415
              1416
                 10/15/2024 10:31:00
                 Python
1417
1418
                 Credit
1419
              1420
              1421
                 10/15/2024 10:31:01
1422
                 Scratch
                 Starting from Scratch
1423
1424
              1425
              10/15/2024 10:31:02
1426
1427
                 Scratch
                 Hello, It's Me
1428
```

```
1429
              1430
              1431
                 10/15/2024 10:31:07
1432
                Python
                 Inheritance
1433
1434
              1435
              10/15/2024 10:31:07
1436
1437
                 C
                 Credit
1438
1439
              1440
              1441
                 10/15/2024 10:31:08
                 Python
1442
1443
                 Scrabble
1444
              1445
              10/15/2024 10:31:13
1446
                C
1447
                 Hello, World
1448
1449
              1450
              1451
                 10/15/2024 10:31:17
1452
                 Scratch
                 Hello, It's Me
1453
              1454
1455
              1456
                10/15/2024 10:31:17
1457
                 C
1458
                 Mario
1459
              1460
              10/15/2024 10:31:17
1461
1462
                Python
                 Hello, World
1463
1464
              1465
              10/15/2024 10:31:19
1466
                 C
1467
                 Starting from Scratch
1468
1469
              1470
```

```
1471
                 10/15/2024 10:31:21
1472
                 C
                 Inheritance
1473
1474
              1475
              10/15/2024 10:31:24
1476
                 Python
1477
1478
                 Inheritance
1479
              1480
1481
                 10/15/2024 10:31:24
                 Python
1482
                 Starting from Scratch
1483
1484
              1485
              1486
                 10/15/2024 10:31:31
                 Python
1487
                 Starting from Scratch
1488
1489
              1490
1491
                 10/15/2024 10:31:34
1492
                 Python
                 Hello, World
1493
1494
              1495
              10/15/2024 10:31:41
1496
                 Python
1497
                 Runoff
1498
1499
              1500
              10/15/2024 10:31:41
1501
                 Python
1502
1503
                 Hello, World
1504
              1505
              10/15/2024 10:31:43
1506
1507
                 Python
1508
                 Filter
              1509
1510
              1511
                 10/15/2024 10:31:49
                 Python
1512
```

```
1513
                 Sort
1514
              1515
              1516
                 10/15/2024 10:31:55
                 Python
1517
                 Tideman
1518
1519
              1520
              1521
                 10/15/2024 10:31:56
1522
                 Python
                 Hello, World
1523
1524
              1525
              1526
                 10/15/2024 10:32:06
1527
                 Python
1528
                 Caesar
1529
              1530
              10/15/2024 10:32:12
1531
                 Python
1532
                 Starting from Scratch
1533
1534
              1535
              10/15/2024 10:32:17
1536
                 Python
1537
                 Readability
1538
              1539
1540
              1541
                 10/15/2024 10:32:23
                 Python
1542
                 Inheritance
1543
1544
              1545
              1546
                 10/15/2024 10:32:31
                 Python
1547
                 Starting from Scratch
1548
1549
              1550
              10/15/2024 10:32:33
1551
1552
                 C
1553
                 DNA
1554
```

```
1555
              1556
                 10/15/2024 10:32:35
1557
                 Python
1558
                 Hello, World
1559
              1560
              10/15/2024 10:32:47
1561
1562
                 Python
                 Hello, World
1563
1564
              1565
              10/15/2024 10:32:50
1566
                 C
1567
                 Hello, World
1568
1569
              1570
              1571
                 10/15/2024 10:32:50
1572
                 Python
1573
                 Substitution
1574
              1575
              1576
                 10/15/2024 10:32:52
                 Python
1577
                 Starting from Scratch
1578
1579
              1580
              10/15/2024 10:32:53
1581
1582
                 C
                 Recover
1583
1584
              1585
            1586
         </body>
1587
1588
    </html>
```

```
<!DOCTYPE html>
 1
 2
    <!-- Demonstrates programmatic changes to style -->
 3
 4
    <html lang="en">
 5
        <head>
 6
            <title>background</title>
 7
 8
        </head>
        <body>
 9
10
             <button id="red">R</button>
            <button id="green">G</button>
11
12
            <button id="blue">B</button>
13
            <script>
14
                let body = document.querySelector('body');
15
16
                document.guerySelector('#red').addEventListener('click', function() {
                     body.style.backgroundColor = 'red';
17
18
                });
19
                document.querySelector('#green').addEventListener('click', function() {
                     body.style.backgroundColor = 'green';
20
21
                });
22
                document.guerySelector('#blue').addEventListener('click', function() {
                     body.style.backgroundColor = 'blue';
23
24
                });
25
26
            </script>
27
        </body>
28
    </html>
```

```
1
    <!DOCTYPE html>
 2
 3
    <html lang="en">
        <head>
 4
            <script>
 5
 6
 7
                // Toggles visibility of greeting
                 function blink()
 8
 9
                     let body = document.guerySelector('body');
10
                     if (body.style.visibility == 'hidden')
11
12
                     {
13
                         body.style.visibility = 'visible';
14
                     else
15
16
                     {
17
                         body.style.visibility = 'hidden';
18
19
                 }
20
                // Blink every 500ms
21
                window.setInterval(blink, 500);
22
23
24
            </script>
            <title>blink</title>
25
26
        </head>
27
        <body>
28
            hello, world
29
        </body>
30
    </html>
```

```
<!DOCTYPE html>
 1
 2
    <html lang="en">
 3
 4
        <head>
 5
            <title>autocomplete</title>
 6
 7
        </head>
 8
        <body>
 9
10
            <input autocomplete="off" autofocus placeholder="Query" type="text">
11
12
13
            <!/ul>
14
            <script src="large.js"></script>
15
16
            <script>
17
18
                let input = document.querySelector('input');
                input.addEventListener('keyup', function(event) {
19
                    let html = '';
20
                    if (input.value) {
21
22
                        for (word of WORDS) {
                            if (word.startsWith(input.value)) {
23
24
                                html += `${word}`;
25
26
                        }
27
28
                    document.guerySelector('ul').innerHTML = html;
29
                });
30
31
            </script>
32
33
        </body>
34
    </html>
```