```
In [1]:  import pandas as pd
         import numpy as np
         import matplotlib.pyplot as plt
         import requests
         import re
         from bs4 import BeautifulSoup as bs
         import warnings
         warnings.filterwarnings("ignore")

         #The goal of my project is to track the improvement of various high sch
         ool debaters (including myself)
         #from an earlier debate tournament to a later one. While the results of
          this project are not that difficult
         #to obtain, this project is important to me because it has both allowed
          me to work on my current Data Science skills
         #while learning new techniques and has personal significance as someone
          who had a passion for debate in high school.
         #In this project, I learned how to web scrape an HTML Table into a Pand
         as Dataframe, improved my advanced data
         #cleaning skills, and used my data wrangling skills to merge datasets.

In [2]:  result1 = requests.get('https://www.tabroom.com/index/tourn/results/eve
         nt_results.mhtml?tourn_id=10887&result_id=73142')

In [3]:  soup1 = bs(result1.content, 'lxml')

In [4]:  print(soup1.prettify())

         <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://
         www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
         <html>
          <head>
           <meta content="text/html; charset=utf-8" http-equiv="Content-Type"/>
           <link href="/lib/css/reset.css" rel="stylesheet" type="text/css"/>
           <link href="/lib/css/jqueryui.css" rel="stylesheet" type="text/css"/>
```

```html
<link href="/lib/css/uniform.css" rel="stylesheet" type="text/css"/>
<link href="/lib/css/fonts/fonts.css" rel="stylesheet" type="text/css"/>
<link href="/lib/css/alertify.min.css" rel="stylesheet" type="text/css"/>
<link href="/lib/css/alertify-bootstrap.min.css" rel="stylesheet" type="text/css"/>
<link href="/lib/css/tabroom.css" rel="stylesheet" type="text/css"/>
<title>
 Tabroom.com
</title>
<script src="/lib/javascript/tabroom.min.js" type="text/javascript">
</script>
<script src="/lib/javascript/tinymce/tinymce.min.js" type="text/javascript">
</script>
<script>
 $(".alert").on('click', function(e){
                                    e.preventDefault();
                                    var href = this.href;
                                    alertify.confirm("Are you sure?", function (e) {
                                            if (e) {
                                                    window.location.href = href;
                                            }
                                    });
                            });

                            $(document).ready(function(){

                                    // adds zebra striping to elements.  in
                                    // web/lib/javascript/tabroom.js
                                    zebraRows();

                                    // put the focus on the first editable element.
```

```
(.notfirst):first').focus();


enus to eligible elements

({

nothing found!",

d: 5


in hidden divs would have


ction(i, chosenOne) {

() == 0) {

dth("100%");


ch box

n(e) {

();


close and open the sidebars
```

```
$('*:input:enabled:visible:not

$('.starthere').focus();

// Adds the searchable select m

$("select:not(.plain)").chosen

        no_results_text: "Oops,

        disable_search_threshol

});

// Fixes the bug where selects

// zero width.

$(".chosen-container").each(fun

        if ($(chosenOne).width

                $(chosenOne).wi

        }
});

// Control-s gives you the sear

Mousetrap.bind('mod+s', functio

        $('#searchtext').focus

        return false;
});

// Sets up the little arrows to
```

```
                                $(".menu").prepend("<div class
='shade openshade fa fa-forward'></div>");

                                $("#content").prepend("<div cla
ss='hidden shade closedshade fa fa-backward'></div>");

                                $(".shade").click( function() {

                                        $(".menu").toggleClass
("hidden");
                                        $(".closedshade").toggl
eClass("hidden");
                                        $(".main").toggleClass
("mainfull");
                                });

                        });

                <!-- This displays errors in a growl-like inter
face on the right when present. -->

                $(document).ready(function() {

                        alertify.set('notifier','position', 'bo
ttom-left');

                        alertify.defaults.transition = "slide";
                        alertify.defaults.theme.ok = "btn btn-p
rimary";

                        alertify.defaults.theme.cancel = "btn b
tn-danger";

                        alertify.defaults.theme.input = "form-c
ontrol";
```

```
                                });
  </script>
  <script>
   (function(i,s,o,g,r,a,m){i['GoogleAnalyticsObject']=r;i[r]=i[r]||fun
ction(){
                                (i[r].q=i[r].q||[]).push(argu
ments)},i[r].l=1*new Date();a=s.createElement(o),
                                m=s.getElementsByTagName(o)
[0];a.async=1;a.src=g;m.parentNode.insertBefore(a,m)
                                })(window,document,'scrip
t','//www.google-analytics.com/analytics.js','ga');
                                ga('create', 'UA-43754389-1',
'tabroom.com');

                                ga('send', 'pageview');

  </script>
  <meta content="http://www.tabroom.com/lib/images/nsda-blue.png" prope
rty="og:image"/>
 </head>
 <body>
  <div id="overlay">
   <div id="header">
    <span id="logo">
     <span class="headline">
      <span id="sparky">
       <img alt="National Speech and Debate Association" src="/lib/imag
es/sparky.png"/>
      </span>
      <span id="sparked">
       <a href="/index/index.mhtml" tabindex="-1">
        Tabroom.com
       </a>
      </span>
     </span>
     <span class="nsda">
      <span class="blurb">
       a project of the
      </span>
```

```html
    <span class="nsdalogo">
     <a href="http://www.speechanddebate.org" tabindex="-1">
      <img alt="National Speech and Debate Association" src="/lib/ima
ges/nsda-header-logo.png"/>
     </a>
    </span>
   </span>
  </span>
  <span id="toprow">
   <span class="login">
    <a class="login-window" href="#login-box">
     Login
    </a>
    <div class="login-popup" id="login-box">
     <div class="marbottom">
      <a class="close fa fa-times-circle fa-lg" href="#">
      </a>
      <h4 class="fivesixths">
       Login to Tabroom:
      </h4>
     </div>
     <form action="/user/login/login_save.mhtml" class="signin" metho
d="post" name="login">
      <fieldset class="textbox">
       <label class="username">
        <input autocomplete="on" id="user
                            name" name="username" placehold
er="Email address" type="text" value=""/>
       </label>
       <label class="password">
        <input id="password" name="password" placeholder="Password" t
ype="password" value=""/>
       </label>
       <input class="button" type="submit" value="Login"/>
       <br/>
       <a class="forgot martopmore" href="/user/login/forgot.mhtml">
        Reset Password
       </a>
       <a class="forgot martop redtext" href="/user/login/login.mhtm
```

```
l">
          Trouble logging in?
        </a>
      </fieldset>
    </form>
   </div>
  </span>
  <span class="signup">
   <a href="/user/login/new_user.mhtml" tabindex="-1">
    Sign Up
   </a>
  </span>
  <span id="search" title="Search for tournaments">
   <form action="/index/search.mhtml">
    <input autocapitalize="off" autocomplete="off" autocorrect="off"
class="notfirst" id="searchtext" maxlength="128" name="search" placehol
der="SEARCH TOURNAMENTS" size="15" spellcheck="false" tabindex="-1" typ
e="text"/>
    <input name="caller" type="hidden" value="/index/tourn/results/e
vent_results.mhtml?tourn_id=10887&amp;result_id=73142"/>
     <button class="search notfirst" type="submit">
      <img src="/lib/images/search.png"/>
     </button>
   </form>
  </span>
  <span id="helpbutton" title="Tabroom Help">
   <a class="fa fa-question-circle" href="http://docs.tabroom.com" t
abindex="-1" target="_blank">
    </a>
   </span>
  </span>
  <span id="menus">
   <ul id="nav">
    <li class="top">
     <a class="centeralign top_link" href="/">
      <span class="down">
       Home
      </span>
     </a>
```

```
      </li>
      <li class="top">
       <a class="centeralign top_link" href="/index/circuits.mhtml">
        <span class="down">
         Circuits
        </span>
       </a>
      </li>
      <li class="top">
       <a class="centeralign top_link" href="/index/results">
        <span class="down">
         Results
        </span>
       </a>
      </li>
      <li class="top">
       <a class="centeralign top_link" href="/index/paradigm.mhtml">
        <span class="down">
         Paradigms
        </span>
       </a>
      </li>
      <li class="top">
       <a class="centeralign top_link" href="/index/help.mhtml">
        <span class="down">
         Help
        </span>
       </a>
      </li>
      <li class="top">
       <a class="centeralign top_link" href="/index/about.mhtml">
        <span class="down">
         About
        </span>
       </a>
      </li>
     </ul>
     <span>
     </span>
```

```html
       </span>
      </div>
      <div id="wrapper">
       <div id="content">
        <div class="menu">
         <div class="sidenote">
          <h4>
           Event Results
          </h4>
          <form action="index.mhtml" method="post">
           <input name="tourn_id" type="hidden" value="10887"/>
           <div class="row centeralign">
            <span class="threequarters">
             <select class="fixedmost" name="event_id" onchange="this.for
m.submit();">
              <option value="92071">
               Congress
              </option>
              <option value="91888">
               JV PF
              </option>
              <option value="91876">
               Novice LD
              </option>
              <option value="89955">
               Novice PF
              </option>
              <option value="89956">
               Open LD
              </option>
              <option selected="" value="92225">
               Varsity PF
              </option>
             </select>
            </span>
            <span class="quarter">
             <input class="thin" type="submit" value="Go"/>
            </span>
           </div>
```

```
        </form>
       </div>
       <div class="sidenote">
        <h4>
         VPF Results
        </h4>
        <a class="dkyellow full nowrap" href="/index/tourn/results/event
_results.mhtml?tourn_id=10887&amp;result_id=73142">
          Prelim Seeds
        </a>
       </div>
       <div class="sidenote">
        <h4>
         Tournament-Wide
        </h4>
        <a class="yellow full" href="https://s3.amazonaws.com/tabroom-fi
les/tourns/10887/results/13520/ERPacket2018.pdf">
          LD/PF Packet 2018
        </a>
       </div>
       <div class="sidenote">
        <h4>
         Tiebreakers
        </h4>
        <p>
         You can hover your mouse over the title of a tiebreaker column
                             for a fuller explanation of that tiebre
aker.
        </p>
       </div>
      </div>
      <div class="main">
       <h2 class="centeralign marno">
        East Ridge Raptor Invitational Palooza RIP
       </h2>
       <h5 class="full centeralign marno">
        2018
                 —
                 Woodbury,
```

```
                    MN/US
        </h5>
        <ul id="tabnav">
         <li class="">
          <a href="/index/tourn/index.mhtml?tourn_id=10887">
           Invite
          </a>
         </li>
         <li class="">
          <a href="/index/tourn/judges.mhtml?tourn_id=10887">
           Judges
          </a>
         </li>
         <li class="">
          <a href="/index/tourn/postings/index.mhtml?tourn_id=10887">
           Pairings
          </a>
         </li>
         <li class="">
          <a href="/index/tourn/updates/index.mhtml?tourn_id=10887">
           Live Updates
          </a>
         </li>
         <li class="selected">
          <a href="/index/tourn/results/index.mhtml?tourn_id=10887">
           Results
          </a>
         </li>
        </ul>
        <div class="full nospace padbottommore">
         <div class="full padsetting">
         </div>
         <span class="half nospace">
          <h5 class="nospace">
           Prelim Seeds
          </h5>
         </span>
         <span class="half nospace semibold bluetext rightalign">
          <h5 class="nospace">
```

```
      Varsity PF
     </h5>
    </span>
   </div>
   <script type="text/javascript">
    $(document).ready(function() {

              $("#73142-1").tablesorter({
                      cssAsc      : "sortup",
                      cssDesc     : "sortdown",
                      cssHeader   : "sortable",
                      widgets     : ['zebra', 'columns', 'sti
ckyHeaders', 'print', 'output'],
                      initialized : function(table) {
                              // Tablesorter disrupts the foc
us auto feature inside itself.  This works around.
                              $(".focushere").focus();
                      },
                      widgetOptions : {
                              columns           : [ "primary",
"secondary", "tertiary" ],

                              print_rows        : "f",
                              print_columns     : "v",
                              print_now         : true,
                              print_styleSheet : "/lib/css/pr
int.css",

                              output_saveRows   : "visible",
                              output_delivery   : "download"
                      }
              });


              $("#73142-1_buttonarea").addClass("martop");

          });
   </script>
   <div class="full nospace ltbordertop padtop">
    <span class="threequarters semibold bigger bluetext">
```

```
        </span>
        <span class="quarter rightalign" id="73142-1_buttonarea">
        </span>
       </div>
       <table id="73142-1">
        <thead>
         <tr class="yellowrow smallish padvert">
          <th>
           Place
          </th>
          <th>
           Code
          </th>
          <th>
           Name
          </th>
          <th class="smallish" title="Wins in Prelim rounds (Descendin
g)">
           PWin
          </th>
          <th class="smallish" title=" Points dropping 1 best &amp; wors
t in Prelim rounds (Descending)">
           PPts -1HL
          </th>
          <th class="smallish" title=" Points in Prelim rounds (Descendi
ng)">
           PPts
          </th>
          <th class="smallish" title="Head to Head Ballots in Prelim rou
nds (Descending)">
           PH2H
          </th>
          <th class="smallish" title="Random in Prelim rounds ">
           PRand
          </th>
          <th class="smallish nosort hiddencsv" title="Unadjusted Raw Sc
ores ">
           Ballots
          </th>
```

```
    </tr>
   </thead>
   <tbody>
    <tr>
     <td class="centeralign">
      1
     </td>
     <td>
      Eagan PS
     </td>
     <td>
      Patel &amp; Scheller
     </td>
     <td class="rightalign smallish">
      5.00
     </td>
     <td class="rightalign smallish">
      176.50
     </td>
     <td class="rightalign smallish">
      294.50
     </td>
     <td class="rightalign smallish">
      0.00
     </td>
     <td class="rightalign smallish">
      1.95
     </td>
     <td class="hiddencsv">
      R1:W28.530R2:W3030R3:W2929R4:W3030R5:W2929
     </td>
    </tr>
    <tr>
     <td class="centeralign">
      2
     </td>
     <td>
      Eastview DZ
     </td>
```

```
<td>
 Dulla &amp; Zhu
</td>
<td class="rightalign smallish">
 4.00
</td>
<td class="rightalign smallish">
 173.50
</td>
<td class="rightalign smallish">
 286.50
</td>
<td class="rightalign smallish">
 0.00
</td>
<td class="rightalign smallish">
 5.06
</td>
<td class="hiddencsv">
 R1:L2628R2:W2928.5R3:W3029R4:W2929R5:W2830
</td>
</tr>
<tr>
 <td class="centeralign">
  3
 </td>
 <td>
  Denfeld AZ
 </td>
 <td>
  Autumn Zierman
 </td>
 <td class="rightalign smallish">
  4.00
 </td>
 <td class="rightalign smallish">
  172.10
 </td>
 <td class="rightalign smallish">
```

```
          287.00
         </td>
         <td class="rightalign smallish">
          0.00
         </td>
         <td class="rightalign smallish">
          3.96
         </td>
         <td class="hiddencsv">
          R1:W29.5R2:W28R3:W29R4:W29R5:L28
         </td>
        </tr>
        <tr>
         <td class="centeralign">
          4
         </td>
         <td>
          Eastview KT
         </td>
         <td>
          Kapur &amp; Thota
         </td>
         <td class="rightalign smallish">
          4.00
         </td>
         <td class="rightalign smallish">
          172.00
         </td>
         <td class="rightalign smallish">
          287.00
         </td>
         <td class="rightalign smallish">
          0.00
         </td>
         <td class="rightalign smallish">
          4.74
         </td>
         <td class="hiddencsv">
          R1:W2829R2:L2928R3:W2929R4:W2929.5R5:W28.528
```

```
      </td>
     </tr>
     <tr>
      <td class="centeralign">
       5
      </td>
      <td>
       SPA BG
      </td>
      <td>
       Bijwadia &amp; Guinan
      </td>
      <td class="rightalign smallish">
       4.00
      </td>
      <td class="rightalign smallish">
       172.00
      </td>
      <td class="rightalign smallish">
       285.00
      </td>
      <td class="rightalign smallish">
       0.00
      </td>
      <td class="rightalign smallish">
       2.52
      </td>
      <td class="hiddencsv">
       R1:W2827R2:L2828R3:W2929R4:W2929R5:W2929
      </td>
     </tr>
     <tr>
      <td class="centeralign">
       6
      </td>
      <td>
       Eagan VG
      </td>
      <td>
```

```
       Victor &amp; Garishakurti
      </td>
      <td class="rightalign smallish">
       4.00
      </td>
      <td class="rightalign smallish">
       171.00
      </td>
      <td class="rightalign smallish">
       285.00
      </td>
      <td class="rightalign smallish">
       0.00
      </td>
      <td class="rightalign smallish">
       7.56
      </td>
      <td class="hiddencsv">
       R1:W2827R2:W2929R3:L2829R4:W2930R5:W2828
      </td>
     </tr>
     <tr>
      <td class="centeralign">
       7
      </td>
      <td>
       Edina FR
      </td>
      <td>
       Fu &amp; Rewalliwar
      </td>
      <td class="rightalign smallish">
       3.00
      </td>
      <td class="rightalign smallish">
       172.50
      </td>
      <td class="rightalign smallish">
       287.00
```

```
    </td>
    <td class="rightalign smallish">
     0.00
    </td>
    <td class="rightalign smallish">
     8.81
    </td>
    <td class="hiddencsv">
     R1:W2928.5R2:L2828R3:L2829R4:W2929.5R5:W2929
    </td>
   </tr>
   <tr>
    <td class="centeralign">
     8
    </td>
    <td>
     Edina TN
    </td>
    <td>
     Teske &amp; Nissen
    </td>
    <td class="rightalign smallish">
     3.00
    </td>
    <td class="rightalign smallish">
     171.50
    </td>
    <td class="rightalign smallish">
     286.50
    </td>
    <td class="rightalign smallish">
     0.00
    </td>
    <td class="rightalign smallish">
     4.75
    </td>
    <td class="hiddencsv">
     R1:L28.529R2:W2929R3:L2829R4:W2730R5:W2829
    </td>
```

```
      </tr>
      <tr>
       <td class="centeralign">
        9
       </td>
       <td>
        Edina MZ
       </td>
       <td>
        Maheshwari &amp; Zhu
       </td>
       <td class="rightalign smallish">
        3.00
       </td>
       <td class="rightalign smallish">
        170.00
       </td>
       <td class="rightalign smallish">
        283.00
       </td>
       <td class="rightalign smallish">
        0.00
       </td>
       <td class="rightalign smallish">
        6.62
       </td>
       <td class="hiddencsv">
        R1:W2929R2:L2728R3:W2929R4:L2728R5:W2829
       </td>
      </tr>
      <tr>
       <td class="centeralign">
        10
       </td>
       <td>
        Eagan AB
       </td>
       <td>
        Annika Bowen
```

```
    </td>
    <td class="rightalign smallish">
     3.00
    </td>
    <td class="rightalign smallish">
     169.60
    </td>
    <td class="rightalign smallish">
     282.00
    </td>
    <td class="rightalign smallish">
     0.00
    </td>
    <td class="rightalign smallish">
     7.89
    </td>
    <td class="hiddencsv">
     R1:L27R2:W29R3:W28R4:W28R5:L29
    </td>
   </tr>
   <tr>
    <td class="centeralign">
     11
    </td>
    <td>
     Nova debaters GW
    </td>
    <td>
     Gidwani &amp; Walker
    </td>
    <td class="rightalign smallish">
     3.00
    </td>
    <td class="rightalign smallish">
     169.50
    </td>
    <td class="rightalign smallish">
     284.00
    </td>
    </td>
```

```
<td class="rightalign smallish">
  0.00
</td>
<td class="rightalign smallish">
  5.97
</td>
<td class="hiddencsv">
  R1:L2728R2:W27.527R3:W3030R4:L2828R5:W29.529
</td>
</tr>
<tr>
<td class="centeralign">
  12
</td>
<td>
  Chanhassen MW
</td>
<td>
  Manna &amp; Williamson
</td>
<td class="rightalign smallish">
  3.00
</td>
<td class="rightalign smallish">
  169.50
</td>
<td class="rightalign smallish">
  281.50
</td>
<td class="rightalign smallish">
  0.00
</td>
<td class="rightalign smallish">
  1.29
</td>
<td class="hiddencsv">
  R1:W2929R2:L2727R3:L2828R4:W28.528.5R5:W2828.5
</td>
</tr>
```

```
<tr>
 <td class="centeralign">
  13
 </td>
 <td>
  Edina JM
 </td>
 <td>
  Jones &amp; Maynor
 </td>
 <td class="rightalign smallish">
  3.00
 </td>
 <td class="rightalign smallish">
  169.00
 </td>
 <td class="rightalign smallish">
  284.00
 </td>
 <td class="rightalign smallish">
  0.00
 </td>
 <td class="rightalign smallish">
  2.55
 </td>
 <td class="hiddencsv">
  R1:L2827.5R2:W2928R3:L2828R4:W2828R5:W3029.5
 </td>
</tr>
<tr>
 <td class="centeralign">
  14
 </td>
 <td>
  Eastview GS
 </td>
 <td>
  Gupta &amp; Schlegel
 </td>
```

```
<td class="rightalign smallish">
  3.00
</td>
<td class="rightalign smallish">
  168.00
</td>
<td class="rightalign smallish">
  280.00
</td>
<td class="rightalign smallish">
  0.00
</td>
<td class="rightalign smallish">
  1.00
</td>
<td class="hiddencsv">
  R1:W27.528.5R2:W2928R3:W2828R4:L2827R5:L2828
</td>
</tr>
<tr>
 <td class="centeralign">
  15
 </td>
 <td>
  Duluth East HW
 </td>
 <td>
  Huber &amp; White
 </td>
 <td class="rightalign smallish">
  3.00
 </td>
 <td class="rightalign smallish">
  166.50
 </td>
 <td class="rightalign smallish">
  279.50
 </td>
 <td class="rightalign smallish">
```

```html
       0.00
      </td>
      <td class="rightalign smallish">
       6.48
      </td>
      <td class="hiddencsv">
       R1:W2825R2:W2729R3:W2928R4:L3030R5:L2627.5
      </td>
     </tr>
     <tr>
      <td class="centeralign">
       16
      </td>
      <td>
       Eagan AK
      </td>
      <td>
       Anderson &amp; Koch
      </td>
      <td class="rightalign smallish">
       2.00
      </td>
      <td class="rightalign smallish">
       172.50
      </td>
      <td class="rightalign smallish">
       287.50
      </td>
      <td class="rightalign smallish">
       0.00
      </td>
      <td class="rightalign smallish">
       6.01
      </td>
      <td class="hiddencsv">
       R1:W2929R2:L28.529R3:L2929R4:L2829R5:W2928
      </td>
     </tr>
     <tr>
```

```
    <td class="centeralign">
     17
    </td>
    <td>
     SPA WD
    </td>
    <td>
     Will &amp; Dyar
    </td>
    <td class="rightalign smallish">
     2.00
    </td>
    <td class="rightalign smallish">
     171.00
    </td>
    <td class="rightalign smallish">
     286.50
    </td>
    <td class="rightalign smallish">
     0.00
    </td>
    <td class="rightalign smallish">
     6.58
    </td>
    <td class="hiddencsv">
     R1:W2928R2:L2928R3:L2928R4:L28.528R5:W2930
    </td>
   </tr>
   <tr>
    <td class="centeralign">
     18
    </td>
    <td>
     Eastview CS
    </td>
    <td>
     Chatterjee &amp; Saravanapandi
    </td>
    <td class="rightalign smallish">
```

```
    2.00
   </td>
   <td class="rightalign smallish">
    170.00
   </td>
   <td class="rightalign smallish">
    282.00
   </td>
   <td class="rightalign smallish">
    0.00
   </td>
   <td class="rightalign smallish">
    6.93
   </td>
   <td class="hiddencsv">
    R1:W2929R2:L2925R3:W2929R4:L2828R5:L2828
   </td>
  </tr>
  <tr>
   <td class="centeralign">
    19
   </td>
   <td>
    Eagan HS
   </td>
   <td>
    Hagape &amp; Shah
   </td>
   <td class="rightalign smallish">
    2.00
   </td>
   <td class="rightalign smallish">
    169.50
   </td>
   <td class="rightalign smallish">
    283.00
   </td>
   <td class="rightalign smallish">
    0.00
```

```
      </td>
      <td class="rightalign smallish">
       5.69
      </td>
      <td class="hiddencsv">
       R1:W3028.5R2:L2827R3:L2928R4:L27.529R5:W2927
      </td>
     </tr>
     <tr>
      <td class="centeralign">
       20
      </td>
      <td>
       Eagan LS
      </td>
      <td>
       Lee &amp; San Jose
      </td>
      <td class="rightalign smallish">
       2.00
      </td>
      <td class="rightalign smallish">
       169.50
      </td>
      <td class="rightalign smallish">
       281.50
      </td>
      <td class="rightalign smallish">
       0.00
      </td>
      <td class="rightalign smallish">
       0.08
      </td>
      <td class="hiddencsv">
       R1:L2928.5R2:L2727R3:W2929R4:W2928R5:L27.527.5
      </td>
     </tr>
     <tr>
      <td class="centeralign">
```

```
    21
   </td>
   <td>
    SPA MS
   </td>
   <td>
    McCauley &amp; Singh
   </td>
   <td class="rightalign smallish">
    2.00
   </td>
   <td class="rightalign smallish">
    169.00
   </td>
   <td class="rightalign smallish">
    280.00
   </td>
   <td class="rightalign smallish">
    0.00
   </td>
   <td class="rightalign smallish">
    0.64
   </td>
   <td class="hiddencsv">
    R1:L2727R2:W2829R3:L28.527R4:W2828.5R5:L2829
   </td>
  </tr>
  <tr>
   <td class="centeralign">
    22
   </td>
   <td>
    Edina WJ
   </td>
   <td>
    Wu &amp; Jiang
   </td>
   <td class="rightalign smallish">
    2.00
```

```
    </td>
    <td class="rightalign smallish">
     169.00
    </td>
    <td class="rightalign smallish">
     279.50
    </td>
    <td class="rightalign smallish">
     0.00
    </td>
    <td class="rightalign smallish">
     0.68
    </td>
    <td class="hiddencsv">
     R1:L2728R2:L2729R3:W29.529R4:W2626R5:L2929
    </td>
   </tr>
   <tr>
    <td class="centeralign">
     23
    </td>
    <td>
     SPA HM
    </td>
    <td>
     Hoeglund &amp; Moran
    </td>
    <td class="rightalign smallish">
     2.00
    </td>
    <td class="rightalign smallish">
     168.00
    </td>
    <td class="rightalign smallish">
     279.00
    </td>
    <td class="rightalign smallish">
     0.00
    </td>
```

```
            <td class="rightalign smallish">
             8.77
            </td>
            <td class="hiddencsv">
             R1:W2928R2:L2629R3:L2729R4:L2727R5:W2928
            </td>
           </tr>
           <tr>
            <td class="centeralign">
             24
            </td>
            <td>
             Eagan HL
            </td>
            <td>
             Hedeman &amp; Li
            </td>
            <td class="rightalign smallish">
             2.00
            </td>
            <td class="rightalign smallish">
             167.50
            </td>
            <td class="rightalign smallish">
             279.00
            </td>
            <td class="rightalign smallish">
             0.00
            </td>
            <td class="rightalign smallish">
             4.14
            </td>
            <td class="hiddencsv">
             R1:L2828R2:W2829.5R3:L29.529R4:L2627R5:W2727
            </td>
           </tr>
           <tr>
            <td class="centeralign">
             25
```

```
    </td>
    <td>
     Maple Grove GA
    </td>
    <td>
     Golakoti &amp; Ali
    </td>
    <td class="rightalign smallish">
     2.00
    </td>
    <td class="rightalign smallish">
     167.00
    </td>
    <td class="rightalign smallish">
     279.50
    </td>
    <td class="rightalign smallish">
     0.00
    </td>
    <td class="rightalign smallish">
     3.33
    </td>
    <td class="hiddencsv">
     R1:L2828R2:W2828R3:W2827R4:L28.529R5:L2728
    </td>
   </tr>
   <tr>
    <td class="centeralign">
     26
    </td>
    <td>
     SPA CK
    </td>
    <td>
     Chang &amp; Keogh
    </td>
    <td class="rightalign smallish">
     2.00
    </td>
```

```
      <td class="rightalign smallish">
       166.00
      </td>
      <td class="rightalign smallish">
       277.00
      </td>
      <td class="rightalign smallish">
       0.00
      </td>
      <td class="rightalign smallish">
       8.45
      </td>
      <td class="hiddencsv">
       R1:W2727R2:W2829R3:L2828R4:L2727R5:L2828
      </td>
     </tr>
     <tr>
      <td class="centeralign">
       27
      </td>
      <td>
       SPA SV
      </td>
      <td>
       Shaker-Check &amp; Vliestra
      </td>
      <td class="rightalign smallish">
       2.00
      </td>
      <td class="rightalign smallish">
       165.00
      </td>
      <td class="rightalign smallish">
       273.00
      </td>
      <td class="rightalign smallish">
       0.00
      </td>
      <td class="rightalign smallish">
```

```
      4.71
     </td>
     <td class="hiddencsv">
      R1:L2827R2:W2626R3:W2828R4:L2828R5:L26.527.5
     </td>
    </tr>
    <tr>
     <td class="centeralign">
      28
     </td>
     <td>
      Eastview GV
     </td>
     <td>
      Guttipatti &amp; Vij
     </td>
     <td class="rightalign smallish">
      1.00
     </td>
     <td class="rightalign smallish">
      169.00
     </td>
     <td class="rightalign smallish">
      281.00
     </td>
     <td class="rightalign smallish">
      0.00
     </td>
     <td class="rightalign smallish">
      8.81
     </td>
     <td class="hiddencsv">
      R1:L2728R2:L2828R3:W2928R4:L2828.5R5:L28.528
     </td>
    </tr>
    <tr>
     <td class="centeralign">
      29
     </td>
    </td>
```

```
<td>
 Benilde-St. Margaret's JK
</td>
<td>
 Jensen &amp; Krueger
</td>
<td class="rightalign smallish">
 1.00
</td>
<td class="rightalign smallish">
 166.50
</td>
<td class="rightalign smallish">
 276.00
</td>
<td class="rightalign smallish">
 0.00
</td>
<td class="rightalign smallish">
 9.52
</td>
<td class="hiddencsv">
 R1:L2828R2:W2528R3:L28.528R4:L2727R5:L27.529
</td>
</tr>
<tr>
 <td class="centeralign">
  30
 </td>
 <td>
  Bloomington Jefferson MM
 </td>
 <td>
  Maki &amp; Matias
 </td>
 <td class="rightalign smallish">
  1.00
 </td>
 <td class="rightalign smallish">
```

```
      163.50
     </td>
     <td class="rightalign smallish">
      275.50
     </td>
     <td class="rightalign smallish">
      0.00
     </td>
     <td class="rightalign smallish">
      5.09
     </td>
     <td class="hiddencsv">
      R1:L2628R2:L2728R3:L2627R4:W2930R5:L28.526
     </td>
    </tr>
    <tr>
     <td class="centeralign">
      31
     </td>
     <td>
      Edina ST
     </td>
     <td>
      Smalley &amp; Tessmer-Tuck
     </td>
     <td class="rightalign smallish">
      1.00
     </td>
     <td class="rightalign smallish">
      162.00
     </td>
     <td class="rightalign smallish">
      270.50
     </td>
     <td class="rightalign smallish">
      0.00
     </td>
     <td class="rightalign smallish">
      2.88
```

```
        </td>
        <td class="hiddencsv">
         R1:L2726R2:L2828R3:L2728R4:W25.527R5:L2727
        </td>
       </tr>
       <tr>
        <td class="centeralign">
         32
        </td>
        <td>
         Eastview GP
        </td>
        <td>
         Gouette &amp; Pruidze
        </td>
        <td class="rightalign smallish">
         0.00
        </td>
        <td class="rightalign smallish">
         158.00
        </td>
        <td class="rightalign smallish">
         264.00
        </td>
        <td class="rightalign smallish">
         0.00
        </td>
        <td class="rightalign smallish">
         0.10
        </td>
        <td class="hiddencsv">
         R1:L2525R2:L26.529.5R3:L2726R4:L2526R5:L2727
        </td>
       </tr>
      </tbody>
     </table>
    </div>
   </div>
  </div>
```

```html
      <div id="footer">
       <span class="leftlinks twothirds">
        <a href="https://www.speechanddebate.org/join" tabindex="-1">
         Join the National Speech &amp; Debate Association
        </a>
        <a href="https://www.speechanddebate.org/mission" tabindex="-1">
         About
        </a>
        <a href="mailto:help@tabroom.com" tabindex="-1">
         Help
        </a>
        <a href="https://www.tabroom.com/index/about.mhtml" tabindex="-1">
         Contact
        </a>
       </span>
      </div>
     </div>
    </body>
   </html>
```

In [5]: `table1 = soup1.select('table')[0]`

In [6]: `table1`

Out[6]:
```html
<table id="73142-1">
<thead> <tr class="yellowrow smallish padvert"> <th> Place </th> <th> C
ode </th> <th> Name </th>
<th class="smallish" title="Wins in Prelim rounds (Descending)">
                                                      PWin
                                              </th>
<th class="smallish" title=" Points dropping 1 best &amp; worst in Prel
im rounds (Descending)">
                                                      PPts -1HL
                                              </th>
<th class="smallish" title=" Points in Prelim rounds (Descending)">
                                                      PPts
                                              </th>
<th class="smallish" title="Head to Head Ballots in Prelim rounds (Desc
```

```
ending)">
                                                  PH2H
                            </th>
<th class="smallish" title="Random in Prelim rounds ">
                                                  PRand
                            </th>
<th class="smallish nosort hiddencsv" title="Unadjusted Raw Scores ">
                                                  Ballots
                            </th>
</tr>
</thead>
<tbody>
<tr>
<td class="centeralign">
                                                  1
                    </td>
<td>
                                                  Eagan PS
                            </td>
<td>
                                                       Patel &
amp; Scheller
                            </td>
<td class="rightalign smallish">
                                                  5.00
                            </td>
<td class="rightalign smallish">
                                                  176.50
                            </td>
<td class="rightalign smallish">
                                                  294.50
                            </td>
<td class="rightalign smallish">
                                                  0.00
                            </td>
<td class="rightalign smallish">
                                                  1.95
                            </td>
<td class="hiddencsv">
```

```
030R3:W2929R4:W3030R5:W2929

</tr>
<tr>
<td class="centeralign">


<td>


<td>

amp; Zhu

<td class="rightalign smallish">


<td class="rightalign smallish">


<td class="rightalign smallish">


<td class="rightalign smallish">


<td class="rightalign smallish">


<td class="hiddencsv">

8.5R3:W3029R4:W2929R5:W2830

</tr>
<tr>
<td class="centeralign">
```

```
                                                    R1:W28.530R2:W3
                                          </td>


                                                    2
                              </td>

                                                    Eastview DZ
                                          </td>

                                                          Dulla &

                                                    </td>

                                                    4.00
                                          </td>

                                                    173.50
                                          </td>

                                                    286.50
                                          </td>

                                                    0.00
                                          </td>

                                                    5.06
                                          </td>

                                                    R1:L2628R2:W292

                                          </td>


                                                    3
                                    </td>
```

```
                <td>
                                                    Denfeld AZ
                                        </td>
                <td>
                                                            Autumn
Zierman
                                        </td>
<td class="rightalign smallish">
                                                    4.00
                                        </td>
<td class="rightalign smallish">
                                                    172.10
                                        </td>
<td class="rightalign smallish">
                                                    287.00
                                        </td>
<td class="rightalign smallish">
                                                    0.00
                                        </td>
<td class="rightalign smallish">
                                                    3.96
                                        </td>
<td class="hiddencsv">
                                                    R1:W29.5R2:W28R
3:W29R4:W29R5:L28
                                        </td>
</tr>
<tr>
<td class="centeralign">
                                                            4
                            </td>
                <td>
                                                    Eastview KT
                                        </td>
                <td>
                                                            Kapur &
amp; Thota
                                        </td>
<td class="rightalign smallish">
```

```
                                                                4.00
                                                       </td>
        <td class="rightalign smallish">
                                                                172.00
                                                       </td>
        <td class="rightalign smallish">
                                                                287.00
                                                       </td>
        <td class="rightalign smallish">
                                                                0.00
                                                       </td>
        <td class="rightalign smallish">
                                                                4.74
                                                       </td>
        <td class="hiddencsv">
                                                                R1:W2829R2:L292
8R3:W2929R4:W2929.5R5:W28.528
                                                       </td>
        </tr>
        <tr>
        <td class="centeralign">

                                        </td>
                                                                5
        <td>
                                                                SPA BG
                                                       </td>
        <td>
                                                                        Bijwadi
a &amp; Guinan
                                                       </td>
        <td class="rightalign smallish">
                                                                4.00
                                                       </td>
        <td class="rightalign smallish">
                                                                172.00
                                                       </td>
        <td class="rightalign smallish">
                                                                285.00
                                                       </td>
```

```
                    <td class="rightalign smallish">
                                                                    0.00
                                                    </td>
                    <td class="rightalign smallish">
                                                                    2.52
                                                    </td>
                    <td class="hiddencsv">

8R3:W2929R4:W2929R5:W2929               R1:W2827R2:L282

                                                    </td>
</tr>
<tr>
<td class="centeralign">

                                    </td>                           6

<td>                                                Eagan VG
                                                    </td>
&amp; Garishakurti                                      Victor
<td class="rightalign smallish">                    </td>
                                                    4.00
                                                    </td>
<td class="rightalign smallish">
                                                    171.00
                                                    </td>
<td class="rightalign smallish">
                                                    285.00
                                                    </td>
<td class="rightalign smallish">
                                                    0.00
                                                    </td>
<td class="rightalign smallish">
                                                    7.56
                                                    </td>
<td class="hiddencsv">
                                                    R1:W2827R2:W292
```

```
9R3:L2829R4:W2930R5:W2828

</tr>
<tr>
<td class="centeralign">
                                                          7
                                        </td>
<td>
                                        Edina FR
                                        </td>
<td>
                                                    Fu &am
p; Rewalliwar
                                        </td>
<td class="rightalign smallish">
                                        3.00
                                        </td>
<td class="rightalign smallish">
                                        172.50
                                        </td>
<td class="rightalign smallish">
                                        287.00
                                        </td>
<td class="rightalign smallish">
                                        0.00
                                        </td>
<td class="rightalign smallish">
                                        8.81
                                        </td>
<td class="hiddencsv">
                                        R1:W2928.5R2:L2
828R3:L2829R4:W2929.5R5:W2929
                                        </td>
</tr>
<tr>
<td class="centeralign">
                                                          8
                                        </td>
<td>
```

```
                                              Edina TN
                                       </td>

<td>
                                              Teske &
amp; Nissen
                                       </td>
<td class="rightalign smallish">
                                              3.00
                                       </td>
<td class="rightalign smallish">
                                              171.50
                                       </td>
<td class="rightalign smallish">
                                              286.50
                                       </td>
<td class="rightalign smallish">
                                              0.00
                                       </td>
<td class="rightalign smallish">
                                              4.75
                                       </td>
<td class="hiddencsv">
                                              R1:L28.529R2:W2
929R3:L2829R4:W2730R5:W2829
                                       </td>
</tr>
<tr>
<td class="centeralign">

                                              9
                           </td>
                                       </td>
<td>
                                              Edina MZ
                                       </td>
<td>
                                              Maheshw
ari &amp; Zhu
                                       </td>
<td class="rightalign smallish">
                                              3.00
```

```
                                                      </td>
        <td class="rightalign smallish">
                                                      170.00
                                                    </td>
        <td class="rightalign smallish">
                                                      283.00
                                                    </td>
        <td class="rightalign smallish">
                                                      0.00
                                                    </td>
        <td class="rightalign smallish">
                                                      6.62
                                                    </td>
        <td class="hiddencsv">
                                                      R1:W2929R2:L272
8R3:W2929R4:L2728R5:W2829
                                                    </td>
</tr>
<tr>
<td class="centeralign">
                                                      10
                                    </td>
<td>
                                                      Eagan AB
                                                    </td>
Bowen
                                                            Annika
                                                    </td>
        <td class="rightalign smallish">
                                                      3.00
                                                    </td>
        <td class="rightalign smallish">
                                                      169.60
                                                    </td>
        <td class="rightalign smallish">
                                                      282.00
                                                    </td>
        <td class="rightalign smallish">
```

```
                                              0.00
            <td class="rightalign smallish">  </td>

                                              7.89
            <td class="hiddencsv">            </td>

            W28R4:W28R5:L29                    R1:L27R2:W29R3:

            </tr>                             </td>
            <tr>
            <td class="centeralign">

                                              11
                                 </td>

            <td>
                                              Nova debaters G
            W
                                 </td>

            <td>
                                                      Gidwani
            &amp; Walker
                                              </td>
            <td class="rightalign smallish">
                                              3.00
                                 </td>

            <td class="rightalign smallish">
                                              169.50
                                 </td>

            <td class="rightalign smallish">
                                              284.00
                                 </td>

            <td class="rightalign smallish">
                                              0.00
                                 </td>

            <td class="rightalign smallish">
                                              5.97
                                 </td>

            <td class="hiddencsv">
                                              R1:L2728R2:W27.
```

```
527R3:W3030R4:L2828R5:W29.529
                                                          </td>
    </tr>
    <tr>
    <td class="centeralign">
                                                      12
                                          </td>
    <td>
                                          Chanhassen MW
                                      </td>
    <td>
                                                  Manna &
    amp; Williamson
                                          </td>
    <td class="rightalign smallish">
                                          3.00
                                      </td>
    <td class="rightalign smallish">
                                          169.50
                                      </td>
    <td class="rightalign smallish">
                                          281.50
                                      </td>
    <td class="rightalign smallish">
                                          0.00
                                      </td>
    <td class="rightalign smallish">
                                          1.29
                                      </td>
    <td class="hiddencsv">
                                          R1:W2929R2:L272
    7R3:L2828R4:W28.528.5R5:W2828.5
                                          </td>
    </tr>
    <tr>
    <td class="centeralign">
                                                      13
                                          </td>
    <td>
```

```
                                                              Edina JM
                                                  </td>
        <td>

        amp; Maynor
                                                          Jones &
        <td class="rightalign smallish">
                                                  </td>

                                                      3.00
        <td class="rightalign smallish">             </td>

                                                      169.00
        <td class="rightalign smallish">             </td>

                                                      284.00
        <td class="rightalign smallish">             </td>

                                                      0.00
        <td class="rightalign smallish">             </td>

                                                      2.55
        <td class="hiddencsv">                        </td>

        928R3:L2828R4:W2828R5:W3029.5                 R1:L2827.5R2:W2

        </tr>                                         </td>
        <tr>
        <td class="centeralign">

                                                      14
                                          </td>

        <td>
                                                      Eastview GS
                                                  </td>
        <td>
                                                          Gupta &
        amp; Schlegel
                                                  </td>
        <td class="rightalign smallish">
                                                      3.00
```

```
                                                        </td>
        <td class="rightalign smallish">
                                                        168.00
                                                    </td>
        <td class="rightalign smallish">
                                                        280.00
                                                    </td>
        <td class="rightalign smallish">
                                                        0.00
                                                    </td>
        <td class="rightalign smallish">
                                                        1.00
                                                    </td>
        <td class="hiddencsv">

W2928R3:W2828R4:L2827R5:L2828                           R1:W27.528.5R2:
                                                    </td>
        </tr>
        <tr>
        <td class="centeralign">

                                                        15
                                    </td>
        <td>
                                                        Duluth East HW
                                                    </td>
        <td>
                                                                Huber &
amp; White
                                                    </td>
        <td class="rightalign smallish">
                                                        3.00
                                                    </td>
        <td class="rightalign smallish">
                                                        166.50
                                                    </td>
        <td class="rightalign smallish">
                                                        279.50
                                                    </td>
        <td class="rightalign smallish">
```

```
                                                                    0.00
                                                    </td>
        <td class="rightalign smallish">
                                                                    6.48
                                                    </td>
        <td class="hiddencsv">

9R3:W2928R4:L3030R5:L2627.5                                         R1:W2825R2:W272

                                                    </td>
        </tr>
        <tr>
        <td class="centeralign">

                                                                    16
                                    </td>

        <td>
                                                                    Eagan AK
                                                    </td>
        <td>
                                                                            Anderso
n &amp; Koch                                                        </td>
        <td class="rightalign smallish">                                            2.00
                                                    </td>
        <td class="rightalign smallish">                                            172.50
                                                    </td>
        <td class="rightalign smallish">                                            287.50
                                                    </td>
        <td class="rightalign smallish">                                            0.00
                                                    </td>
        <td class="rightalign smallish">                                            6.01
                                                    </td>
        <td class="hiddencsv">                                                      R1:W2929R2:L28.
529R3:L2929R4:L2829R5:W2928
```

```
                                                        </td>
      </tr>
      <tr>
      <td class="centeralign">
                                                          17
                                    </td>
      <td>
                                                          SPA WD
                                    </td>
      <td>
                                                                  Will &a
mp; Dyar
                                                          </td>
      <td class="rightalign smallish">
                                                          2.00
                                    </td>
      <td class="rightalign smallish">
                                                          171.00
                                    </td>
      <td class="rightalign smallish">
                                                          286.50
                                    </td>
      <td class="rightalign smallish">
                                                          0.00
                                    </td>
      <td class="rightalign smallish">
                                                          6.58
                                    </td>
      <td class="hiddencsv">
                                                          R1:W2928R2:L292
8R3:L2928R4:L28.528R5:W2930
                                    </td>
      </tr>
      <tr>
      <td class="centeralign">
                                                          18
                                    </td>
      <td>
                                                          Eastview CS
```

```
                                                        </td>
        <td>                                                    Chatter
        jee &amp; Saravanapandi                          </td>
        <td class="rightalign smallish">                 2.00
                                                         </td>
        <td class="rightalign smallish">                 170.00
                                                         </td>
        <td class="rightalign smallish">                 282.00
                                                         </td>
        <td class="rightalign smallish">                 0.00
                                                         </td>
        <td class="rightalign smallish">                 6.93
                                                         </td>
        <td class="hiddencsv">                           R1:W2929R2:L292
        5R3:W2929R4:L2828R5:L2828                        </td>
        </tr>
        <tr>
        <td class="centeralign">                         19
                                        </td>
        <td>                                             Eagan HS
                                                         </td>
        <td>                                                    Hagape
        &amp; Shah                                       </td>
        <td class="rightalign smallish">                 2.00
                                                         </td>
```

```
        <td class="rightalign smallish">
                                                        169.50
                                        </td>
        <td class="rightalign smallish">
                                                        283.00
                                        </td>
        <td class="rightalign smallish">
                                                        0.00
                                        </td>
        <td class="rightalign smallish">
                                                        5.69
                                        </td>
        <td class="hiddencsv">
827R3:L2928R4:L27.529R5:W2927                           R1:W3028.5R2:L2

</tr>                                                    </td>
<tr>
<td class="centeralign">
                                                        20
                                </td>
<td>
                                                        Eagan LS
                                        </td>
p; San Jose                                                Lee &am
<td class="rightalign smallish">                        </td>
                                                        2.00
                                        </td>
<td class="rightalign smallish">
                                                        169.50
                                        </td>
<td class="rightalign smallish">
                                                        281.50
                                        </td>
<td class="rightalign smallish">
                                                        0.00
```

```
                                                    </td>
        <td class="rightalign smallish">
                                                    0.08
                                            </td>
        <td class="hiddencsv">
                                            R1:L2928.5R2:L2
727R3:W2929R4:W2928R5:L27.527.5
                                            </td>
</tr>
<tr>
<td class="centeralign">
                                    </td>

<td>
                                            21

                                            </td>
<td>
                                            SPA MS
y &amp; Singh                                    </td>
<td class="rightalign smallish">
                                                    McCaule
                                            </td>
<td class="rightalign smallish">
                                            2.00
                                            </td>
<td class="rightalign smallish">
                                            169.00
                                            </td>
<td class="rightalign smallish">
                                            280.00
                                            </td>
<td class="rightalign smallish">
                                            0.00
                                            </td>
<td class="rightalign smallish">
                                            0.64
                                            </td>
<td class="hiddencsv">
                                            R1:L2727R2:W282
9R3:L28.527R4:W2828.5R5:L2829
                                            </td>
```

```
</tr>
<tr>
<td class="centeralign">
                                                      22
                                      </td>
<td>

                                                      Edina WJ
                                  </td>
<td>

p; Jiang
                                                             Wu &am
                                      </td>
<td class="rightalign smallish">

                                                      2.00
                                  </td>
<td class="rightalign smallish">

                                                      169.00
                                  </td>
<td class="rightalign smallish">

                                                      279.50
                                  </td>
<td class="rightalign smallish">

                                                      0.00
                                  </td>
<td class="rightalign smallish">

                                                      0.68
                                  </td>
<td class="hiddencsv">

9R3:W29.529R4:W2626R5:L2929
                                                      R1:L2728R2:L272

                                  </td>
</tr>
<tr>
<td class="centeralign">

                                                      23
                                      </td>
<td>

                                                      SPA HM
                                  </td>
```

```
<td>
                                             Hoeglun
d &amp; Moran
                                 </td>
<td class="rightalign smallish">
                                 2.00
                             </td>
<td class="rightalign smallish">
                                 168.00
                             </td>
<td class="rightalign smallish">
                                 279.00
                             </td>
<td class="rightalign smallish">
                                 0.00
                             </td>
<td class="rightalign smallish">
                                 8.77
                             </td>
<td class="hiddencsv">
                                 R1:W2928R2:L262
9R3:L2729R4:L2727R5:W2928
                             </td>
</tr>
<tr>
<td class="centeralign">
                                 24
                 </td>
<td>
                                 Eagan HL
                             </td>
<td>
                                             Hedeman
&amp; Li
                                 </td>
<td class="rightalign smallish">
                                 2.00
                             </td>
<td class="rightalign smallish">
```

```
                                                    167.50
                                        </td>
    <td class="rightalign smallish">
                                                    279.00
                                        </td>
    <td class="rightalign smallish">
                                                    0.00
                                        </td>
    <td class="rightalign smallish">
                                                    4.14
                                        </td>
    <td class="hiddencsv">
9.5R3:L29.529R4:L2627R5:W2727
                                                    R1:L2828R2:W282
                                        </td>
</tr>
<tr>
<td class="centeralign">
                                                    25
                            </td>
    <td>
                                                    Maple Grove GA
                                        </td>
    <td>
                                                            Golakot
i &amp; Ali
                                        </td>
    <td class="rightalign smallish">
                                                    2.00
                                        </td>
    <td class="rightalign smallish">
                                                    167.00
                                        </td>
    <td class="rightalign smallish">
                                                    279.50
                                        </td>
    <td class="rightalign smallish">
                                                    0.00
                                        </td>
```

```
<td class="rightalign smallish">
                                                      3.33
                                              </td>
<td class="hiddencsv">
                                              R1:L2828R2:W282
8R3:W2827R4:L28.529R5:L2728
                                              </td>
</tr>
<tr>
<td class="centeralign">

                           </td>
                                              26
<td>
                                              SPA CK
                                              </td>
<td>
                                                        Chang &
amp; Keogh
                                              </td>
<td class="rightalign smallish">
                                              2.00
                                              </td>
<td class="rightalign smallish">
                                              166.00
                                              </td>
<td class="rightalign smallish">
                                              277.00
                                              </td>
<td class="rightalign smallish">
                                              0.00
                                              </td>
<td class="rightalign smallish">
                                              8.45
                                              </td>
<td class="hiddencsv">
                                              R1:W2727R2:W282
9R3:L2828R4:L2727R5:L2828
                                              </td>
</tr>
```

```
<tr>
<td class="centeralign">
                                          27
                    </td>

<td>
                                          SPA SV
              </td>

<td>

Check &amp; Vliestra
                                                  Shaker-
                                          </td>
<td class="rightalign smallish">
                                          2.00
              </td>
<td class="rightalign smallish">
                                          165.00
              </td>
<td class="rightalign smallish">
                                          273.00
              </td>
<td class="rightalign smallish">
                                          0.00
              </td>
<td class="rightalign smallish">
                                          4.71
              </td>
<td class="hiddencsv">
                                          R1:L2827R2:W262
6R3:W2828R4:L2828R5:L26.527.5
                                          </td>
</tr>
<tr>
<td class="centeralign">
                                          28
                    </td>
<td>
                                          Eastview GV
              </td>
<td>
```

```
                                                          Guttipa
tti &amp; Vij
                                                    </td>
<td class="rightalign smallish">
                                                          1.00
                                                    </td>
<td class="rightalign smallish">
                                                          169.00
                                                    </td>
<td class="rightalign smallish">
                                                          281.00
                                                    </td>
<td class="rightalign smallish">
                                                          0.00
                                                    </td>
<td class="rightalign smallish">
                                                          8.81
                                                    </td>
<td class="hiddencsv">
                                                          R1:L2728R2:L282
8R3:W2928R4:L2828.5R5:L28.528
                                                    </td>
</tr>
<tr>
<td class="centeralign">
                                                          29
                                        </td>
<td>
                                                          Benilde-St. Mar
garet's JK
                                                    </td>
<td>
                                                                 Jensen
&amp; Krueger
                                                    </td>
<td class="rightalign smallish">
                                                          1.00
                                                    </td>
<td class="rightalign smallish">
```

```
                                                                    166.50
                                                </td>
        <td class="rightalign smallish">
                                                                    276.00
                                                </td>
        <td class="rightalign smallish">
                                                                    0.00
                                                </td>
        <td class="rightalign smallish">
                                                                    9.52
                                                </td>
        <td class="hiddencsv">
8R3:L28.528R4:L2727R5:L27.529                                       R1:L2828R2:W252
                                                </td>
        </tr>
        <tr>
        <td class="centeralign">
                                                                    30
                                </td>
        <td>
                                                                    Bloomington Jef
ferson MM
                                                </td>
        <td>
                                                                            Maki &a
mp; Matias
                                                </td>
        <td class="rightalign smallish">
                                                                    1.00
                                                </td>
        <td class="rightalign smallish">
                                                                    163.50
                                                </td>
        <td class="rightalign smallish">
                                                                    275.50
                                                </td>
        <td class="rightalign smallish">
                                                                    0.00
```

```html
                                                                        </td>
            <td class="rightalign smallish">
                                                                        5.09
                                                                    </td>

            <td class="hiddencsv">
                                                                        R1:L2628R2:L272

8R3:L2627R4:W2930R5:L28.526
                                                                    </td>
        </tr>
        <tr>
        <td class="centeralign">
                                                                        31

                                </td>
        <td>
                                                                        Edina ST
                                                                    </td>
        &amp; Tessmer-Tuck
                                                                            Smalley

            <td class="rightalign smallish">
                                                                    </td>
                                                                        1.00
            <td class="rightalign smallish">
                                                                    </td>
                                                                        162.00
                                                                    </td>
            <td class="rightalign smallish">
                                                                        270.50
                                                                    </td>
            <td class="rightalign smallish">
                                                                        0.00
                                                                    </td>
            <td class="rightalign smallish">
                                                                        2.88
                                                                    </td>

            <td class="hiddencsv">
                                                                        R1:L2726R2:L282

8R3:L2728R4:W25.527R5:L2727
                                                                    </td>
```

```
      </tr>
      <tr>
      <td class="centeralign">
                                                  32
                                   </td>
      <td>
                                        Eastview GP
                              </td>
      <td>
                                             Gouette
      &amp; Pruidze
                              </td>
      <td class="rightalign smallish">
                                        0.00
                              </td>
      <td class="rightalign smallish">
                                        158.00
                              </td>
      <td class="rightalign smallish">
                                        264.00
                              </td>
      <td class="rightalign smallish">
                                        0.00
                              </td>
      <td class="rightalign smallish">
                                        0.10
                              </td>
      <td class="hiddencsv">
                                        R1:L2525R2:L26.
      529.5R3:L2726R4:L2526R5:L2727
                              </td>
      </tr>
      </tbody>
      </table>
```

In [7]: `columns1 = table1.find('thead').find_all('th')`

In [8]: `column_names1 = [c.string for c in columns1]`

```
In [9]:   table_rows1 = table1.find('tbody').find_all('tr')
```

```
In [10]:  list1 = []
```

```
In [11]:  #After extracting and soupifying the HTML table, I put the contents int
          o a list for my Pandas DataFrame.

          for tr in table_rows1:
              td = tr.find_all('td')
              row = [str(tr.get_text()).strip() for tr in td]
              list1.append(row)
```

```
In [12]:  df1 = pd.DataFrame(list1, columns = column_names1)
```

```
In [13]:  #Our first HTML is now a DataFrame! You can see my debate stats from th
          is tournament under the Eastview DZ entry,
          #representing me (Anish Dulla) and my partner (Mulan Zhu).
          df1.head()
```

Out[13]:

	Place	Code	Name	\n\t\t\t\t\t\t\tPWin\n\t\t\t\t\t\t	\n\t\t\t\t\t\t\tPPts -1HL\n\t\t\t\t\t\t	\n\t\t\t\t\t\t\tPPts\n\t\t\t\t\t\t	
0	1	Eagan PS	Patel & Scheller	5.00	176.50	294.50	
1	2	Eastview DZ	Dulla & Zhu	4.00	173.50	286.50	
2	3	Denfeld AZ	Autumn Zierman	4.00	172.10	287.00	
3	4	Eastview KT	Kapur & Thota	4.00	172.00	287.00	
4	5	SPA BG	Bijwadia & Guinan	4.00	172.00	285.00	

```
In [14]: #Data Cleaning Processes Begin Here
         df1 = df1.iloc[:, :5]
```

```
In [15]: df1.columns
```

Out[15]: Index([' Place ', ' Code ', ' Name ', '\n\t\t\t\t\t\t\tPWin\n\t\t\t\t\t\t
         \t',
                '\n\t\t\t\t\t\t\tPPts -1HL\n\t\t\t\t\t\t\t'],
               dtype='object')

```
In [16]: df1 = df1.rename({'\n\t\t\t\t\t\t\tPWin\n\t\t\t\t\t\t\t': 'Wins', '\n\t\t
         \t\t\t\t\tPPts -1HL\n\t\t\t\t\t\t\t': 'Speaker Points'}, axis=1)
```

```
In [17]: df1
```

Out[17]:

	Place	Code	Name	Wins	Speaker Points
0	1	Eagan PS	Patel & Scheller	5.00	176.50
1	2	Eastview DZ	Dulla & Zhu	4.00	173.50
2	3	Denfeld AZ	Autumn Zierman	4.00	172.10
3	4	Eastview KT	Kapur & Thota	4.00	172.00
4	5	SPA BG	Bijwadia & Guinan	4.00	172.00
5	6	Eagan VG	Victor & Garishakurti	4.00	171.00
6	7	Edina FR	Fu & Rewalliwar	3.00	172.50
7	8	Edina TN	Teske & Nissen	3.00	171.50
8	9	Edina MZ	Maheshwari & Zhu	3.00	170.00
9	10	Eagan AB	Annika Bowen	3.00	169.60
10	11	Nova debaters GW	Gidwani & Walker	3.00	169.50
11	12	Chanhassen MW	Manna & Williamson	3.00	169.50
12	13	Edina JM	Jones & Maynor	3.00	169.00
13	14	Eastview GS	Gupta & Schlegel	3.00	168.00

Place		Code	Name	Wins	Speaker Points
14	15	Duluth East HW	Huber & White	3.00	166.50
15	16	Eagan AK	Anderson & Koch	2.00	172.50
16	17	SPA WD	Will & Dyar	2.00	171.00
17	18	Eastview CS	Chatterjee & Saravanapandi	2.00	170.00
18	19	Eagan HS	Hagape & Shah	2.00	169.50
19	20	Eagan LS	Lee & San Jose	2.00	169.50
20	21	SPA MS	McCauley & Singh	2.00	169.00
21	22	Edina WJ	Wu & Jiang	2.00	169.00
22	23	SPA HM	Hoeglund & Moran	2.00	168.00
23	24	Eagan HL	Hedeman & Li	2.00	167.50
24	25	Maple Grove GA	Golakoti & Ali	2.00	167.00
25	26	SPA CK	Chang & Keogh	2.00	166.00
26	27	SPA SV	Shaker-Check & Vliestra	2.00	165.00
27	28	Eastview GV	Guttipatti & Vij	1.00	169.00
28	29	Benilde-St. Margaret's JK	Jensen & Krueger	1.00	166.50
29	30	Bloomington Jefferson MM	Maki & Matias	1.00	163.50
30	31	Edina ST	Smalley & Tessmer-Tuck	1.00	162.00
31	32	Eastview GP	Gouette & Pruidze	0.00	158.00

In [18]:
```
#Now, I'm going to scrape another HTML Table from the second Debate Tournament to merge with the first one.
result2 = requests.get('https://www.tabroom.com/index/tourn/results/event_results.mhtml?tourn_id=10671&result_id=70544')
```

In [19]:
```
soup2 = bs(result2.content, 'lxml')
```

In [20]:
```
print(soup2.prettify())
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://
www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html>
 <head>
  <meta content="text/html; charset=utf-8" http-equiv="Content-Type"/>
  <link href="/lib/css/reset.css" rel="stylesheet" type="text/css"/>
  <link href="/lib/css/jqueryui.css" rel="stylesheet" type="text/css"/>
  <link href="/lib/css/uniform.css" rel="stylesheet" type="text/css"/>
  <link href="/lib/css/fonts/fonts.css" rel="stylesheet" type="text/cs
s"/>
  <link href="/lib/css/alertify.min.css" rel="stylesheet" type="text/cs
s"/>
  <link href="/lib/css/alertify-bootstrap.min.css" rel="stylesheet" typ
e="text/css"/>
  <link href="/lib/css/tabroom.css" rel="stylesheet" type="text/css"/>
  <title>
   Tabroom.com
  </title>
  <script src="/lib/javascript/tabroom.min.js" type="text/javascript">
  </script>
  <script src="/lib/javascript/tinymce/tinymce.min.js" type="text/javas
cript">
  </script>
  <script>
   $(".alert").on('click', function(e){
                                        e.preventDefault();
                                        var href = this.href;
                                        alertify.confirm("Are you sur
e?", function (e) {

                                                if (e) {
                                                        window.locatio
n.href = href;

                                                }
                                        });
                                });

                                $(document).ready(function(){

                                        // adds zebra striping to eleme
```

```
nts.  in

s


ditable element.

(.notfirst):first').focus();


enus to eligible elements

({

nothing found!",

d: 5


in hidden divs would have


ction(i, chosenOne) {

() == 0) {

dth("100%");


ch box

n(e) {
```

```
// web/lib/javascript/tabroom.j

zebraRows();

// put the focus on the first e

$('*:input:enabled:visible:not

$('.starthere').focus();

// Adds the searchable select m

$("select:not(.plain)").chosen

        no_results_text: "Oops,

        disable_search_threshol

});

// Fixes the bug where selects

// zero width.

$(".chosen-container").each(fun

        if ($(chosenOne).width

                $(chosenOne).wi

        }
});

// Control-s gives you the sear

Mousetrap.bind('mod+s', functio

        $('#searchtext').focus
```

```
();
                                          return false;
                            });

                            // Sets up the little arrows to
close and open the sidebars

                                $(".menu").prepend("<div class
='shade openshade fa fa-forward'></div>");

                                $("#content").prepend("<div cla
ss='hidden shade closedshade fa fa-backward'></div>");

                                $(".shade").click( function() {

                                    $(".menu").toggleClass
("hidden");
                                    $(".closedshade").toggl
eClass("hidden");
                                    $(".main").toggleClass
("mainfull");
                                });

                    });

                        <!-- This displays errors in a growl-like inter
face on the right when present. -->

                        $(document).ready(function() {

                            alertify.set('notifier','position', 'bo
ttom-left');
                            alertify.defaults.transition = "slide";
                            alertify.defaults.theme.ok = "btn btn-p
rimary";
                            alertify.defaults.theme.cancel = "btn b
tn-danger";
                            alertify.defaults.theme.input = "form-c
ontrol";
```

```
                                    });
    </script>
    <script>
      (function(i,s,o,g,r,a,m){i['GoogleAnalyticsObject']=r;i[r]=i[r]||fun
ction(){
                                        (i[r].q=i[r].q||[]).push(argu
ments)},i[r].l=1*new Date();a=s.createElement(o),
                                        m=s.getElementsByTagName(o)
[0];a.async=1;a.src=g;m.parentNode.insertBefore(a,m)
                                        })(window,document,'scrip
t','//www.google-analytics.com/analytics.js','ga');
                                        ga('create', 'UA-43754389-1',
'tabroom.com');

                                        ga('send', 'pageview');
    </script>
    <meta content="http://www.tabroom.com/lib/images/nsda-blue.png" prope
rty="og:image"/>
  </head>
  <body>
    <div id="overlay">
      <div id="header">
        <span id="logo">
          <span class="headline">
            <span id="sparky">
              <img alt="National Speech and Debate Association" src="/lib/imag
es/sparky.png"/>
            </span>
            <span id="sparked">
              <a href="/index/index.mhtml" tabindex="-1">
                Tabroom.com
```

```
      </a>
     </span>
    </span>
    <span class="nsda">
     <span class="blurb">
      a project of the
     </span>
     <span class="nsdalogo">
      <a href="http://www.speechanddebate.org" tabindex="-1">
       <img alt="National Speech and Debate Association" src="/lib/ima
ges/nsda-header-logo.png"/>
      </a>
     </span>
    </span>
   </span>
   <span id="toprow">
    <span class="login">
     <a class="login-window" href="#login-box">
      Login
     </a>
     <div class="login-popup" id="login-box">
      <div class="marbottom">
       <a class="close fa fa-times-circle fa-lg" href="#">
       </a>
       <h4 class="fivesixths">
        Login to Tabroom:
       </h4>
      </div>
      <form action="/user/login/login_save.mhtml" class="signin" metho
d="post" name="login">
       <fieldset class="textbox">
        <label class="username">
         <input autocomplete="on" id="user
                                   name" name="username" placehold
er="Email address" type="text" value=""/>
        </label>
        <label class="password">
         <input id="password" name="password" placeholder="Password" t
ype="password" value=""/>
```

```
        </label>
        <input class="button" type="submit" value="Login"/>
        <br/>
        <a class="forgot martopmore" href="/user/login/forgot.mhtml">
         Reset Password
        </a>
        <a class="forgot martop redtext" href="/user/login/login.mhtm
l">
          Trouble logging in?
        </a>
       </fieldset>
      </form>
     </div>
    </span>
    <span class="signup">
     <a href="/user/login/new_user.mhtml" tabindex="-1">
      Sign Up
     </a>
    </span>
    <span id="search" title="Search for tournaments">
     <form action="/index/search.mhtml">
      <input autocapitalize="off" autocomplete="off" autocorrect="off"
class="notfirst" id="searchtext" maxlength="128" name="search" placehol
der="SEARCH TOURNAMENTS" size="15" spellcheck="false" tabindex="-1" typ
e="text"/>
      <input name="caller" type="hidden" value="/index/tourn/results/e
vent_results.mhtml?tourn_id=10671&amp;result_id=70544"/>
      <button class="search notfirst" type="submit">
       <img src="/lib/images/search.png"/>
      </button>
     </form>
    </span>
    <span id="helpbutton" title="Tabroom Help">
     <a class="fa fa-question-circle" href="http://docs.tabroom.com" t
abindex="-1" target="_blank">
     </a>
    </span>
   </span>
   <span id="menus">
```

```html
<ul id="nav">
 <li class="top">
  <a class="centeralign top_link" href="/">
   <span class="down">
    Home
   </span>
  </a>
 </li>
 <li class="top">
  <a class="centeralign top_link" href="/index/circuits.mhtml">
   <span class="down">
    Circuits
   </span>
  </a>
 </li>
 <li class="top">
  <a class="centeralign top_link" href="/index/results">
   <span class="down">
    Results
   </span>
  </a>
 </li>
 <li class="top">
  <a class="centeralign top_link" href="/index/paradigm.mhtml">
   <span class="down">
    Paradigms
   </span>
  </a>
 </li>
 <li class="top">
  <a class="centeralign top_link" href="/index/help.mhtml">
   <span class="down">
    Help
   </span>
  </a>
 </li>
 <li class="top">
  <a class="centeralign top_link" href="/index/about.mhtml">
   <span class="down">
```

```
        About
      </span>
    </a>
   </li>
  </ul>
  <span>
  </span>
 </span>
</div>
<div id="wrapper">
 <div id="content">
  <div class="menu">
   <div class="sidenote">
    <h4>
     Event Results
    </h4>
    <form action="index.mhtml" method="post">
     <input name="tourn_id" type="hidden" value="10671"/>
     <div class="row centeralign">
      <span class="threequarters">
       <select class="fixedmost" name="event_id" onchange="this.for
m.submit();">
        <option value="88088">
         Congress
        </option>
        <option value="88089">
         Junior Varsity Lincoln-Douglas
        </option>
        <option value="88090">
         Junior Varsity Policy
        </option>
        <option value="88091">
         Junior Varsity Public Forum
        </option>
        <option value="88092">
         Novice Lincoln-Douglas
        </option>
        <option value="88093">
         Novice Policy
```

```
      </option>
      <option value="88094">
       Novice Public Forum
      </option>
      <option value="88095">
       Varsity Lincoln-Douglas
      </option>
      <option value="88096">
       Varsity Policy
      </option>
      <option selected="" value="88097">
       Varsity Public Forum
      </option>
     </select>
    </span>
    <span class="quarter">
     <input class="thin" type="submit" value="Go"/>
    </span>
   </div>
  </form>
 </div>
 <div class="sidenote">
  <h4>
   VPF Results
  </h4>
  <a class="dkyellow full nowrap" href="/index/tourn/results/event
_results.mhtml?tourn_id=10671&amp;result_id=70544">
    Final Places
  </a>
  <a class="yellow full nowrap" href="/index/tourn/results/event_r
esults.mhtml?tourn_id=10671&amp;result_id=70547">
    Speaker Awards
  </a>
  <a class="yellow full nowrap" href="debate_cumesheet.mhtml?event
_id=88097&amp;tourn_id=10671">
    Cume Sheet
  </a>
  <a class="blue full nowrap" href="/index/tourn/results/round_res
ults.mhtml?tourn_id=10671&amp;round_id=342075">
```

```
                    <span class="half padno marno semibold">
                     Round 5
                    </span>
                    <span class="half rightalign nowrap padno marno">
                     Round results
                    </span>
                   </a>
                   <a class="blue full nowrap" href="/index/tourn/results/round_res
ults.mhtml?tourn_id=10671&amp;round_id=342074">
                    <span class="half padno marno semibold">
                     Round 4
                    </span>
                    <span class="half rightalign nowrap padno marno">
                     Round results
                    </span>
                   </a>
                   <a class="blue full nowrap" href="/index/tourn/results/round_res
ults.mhtml?tourn_id=10671&amp;round_id=342073">
                    <span class="half padno marno semibold">
                     Round 3
                    </span>
                    <span class="half rightalign nowrap padno marno">
                     Round results
                    </span>
                   </a>
                   <a class="blue full nowrap" href="/index/tourn/results/round_res
ults.mhtml?tourn_id=10671&amp;round_id=342072">
                    <span class="half padno marno semibold">
                     Round 2
                    </span>
                    <span class="half rightalign nowrap padno marno">
                     Round results
                    </span>
                   </a>
                   <a class="blue full nowrap" href="/index/tourn/results/round_res
ults.mhtml?tourn_id=10671&amp;round_id=342071">
                    <span class="half padno marno semibold">
                     Round 1
                    </span>
```

```
                    <span class="half rightalign nowrap padno marno">
                     Round results
                    </span>
                   </a>
                   <a class="blue full" href="ranked_list.mhtml?event_id=88097&amp;
tourn_id=10671">
                    Prelim Records
                   </a>
                  </div>
                  <div class="sidenote">
                   <h4>
                    Tournament-Wide
                   </h4>
                   <a class="yellow full" href="https://s3.amazonaws.com/tabroom-fi
les/tourns/10671/results/13045/CongressScores-RosemountIrishInvitationa
l-1538412919.pdf">
                    CongressScores.Prelims.Super
                   </a>
                  </div>
                  <div class="sidenote">
                   <h4>
                    Tiebreakers
                   </h4>
                   <p>
                    You can hover your mouse over the title of a tiebreaker column
                                     for a fuller explanation of that tiebre
aker.
                   </p>
                  </div>
                 </div>
                 <div class="main">
                  <h2 class="centeralign marno">
                   Rosemount Irish Invitational
                  </h2>
                  <h5 class="full centeralign marno">
                   2018
                          —
                          Rosemount,
                          MN/US
```

```
</h5>
<ul id="tabnav">
 <li class="">
  <a href="/index/tourn/index.mhtml?tourn_id=10671">
   Invite
  </a>
 </li>
 <li class="">
  <a href="/index/tourn/fields.mhtml?tourn_id=10671">
   Entries
  </a>
 </li>
 <li class="">
  <a href="/index/tourn/judges.mhtml?tourn_id=10671">
   Judges
  </a>
 </li>
 <li class="">
  <a href="/index/tourn/postings/index.mhtml?tourn_id=10671">
   Pairings
  </a>
 </li>
 <li class="selected">
  <a href="/index/tourn/results/index.mhtml?tourn_id=10671">
   Results
  </a>
 </li>
</ul>
<div class="full nospace padbottommore">
 <div class="full padsetting">
 </div>
 <span class="half nospace">
  <h5 class="nospace">
   Final Places
  </h5>
 </span>
 <span class="half nospace semibold bluetext rightalign">
  <h5 class="nospace">
   Varsity Public Forum
```

```
          </h5>
         </span>
        </div>
        <script type="text/javascript">
         $(document).ready(function() {

                        $("#70544-1").tablesorter({
                                cssAsc      : "sortup",
                                cssDesc     : "sortdown",
                                cssHeader   : "sortable",
                                widgets     : ['zebra', 'columns', 'sti
ckyHeaders', 'print', 'output'],
                                initialized : function(table) {
                                        // Tablesorter disrupts the foc
us auto feature inside itself.  This works around.
                                        $(".focushere").focus();
                                },
                                widgetOptions : {
                                        columns          : [ "primary",
"secondary", "tertiary" ],

                                        print_rows       : "f",
                                        print_columns    : "v",
                                        print_now        : true,
                                        print_styleSheet : "/lib/css/pr
int.css",

                                        output_saveRows  : "visible",
                                        output_delivery  : "download"
                                }
                        });


                        $("#70544-1_buttonarea").addClass("martop");

                });
        </script>
        <div class="full nospace ltbordertop padtop">
         <span class="threequarters semibold bigger bluetext">
         </span>
```

```
      <span class="quarter rightalign" id="70544-1_buttonarea">
      </span>
     </div>
     <table id="70544-1">
      <thead>
       <tr class="yellowrow smallish padvert">
        <th>
         Place
        </th>
        <th>
         Code
        </th>
        <th>
         Name
        </th>
        <th class="smallish nosort hiddencsv" title="Unadjusted Raw Sc
ores ">
         Ballots
        </th>
        <th class="smallish" title="Wins in Prelim rounds (Descendin
g)">
         PWin
        </th>
        <th class="smallish" title=" Points dropping 1 best &amp; wors
t in Prelim rounds (Descending)">
         PPts -1HL
        </th>
        <th class="smallish" title=" Points dropping 2 best &amp; wors
t in Prelim rounds (Descending)">
         PPts -2HL
        </th>
        <th class="smallish" title=" Points in Prelim rounds (Descendi
ng)">
         PPts
        </th>
        <th class="smallish" title="Opponent Wins in Prelim rounds (De
scending)">
         POpW
        </th>
```

```
      <th class="smallish" title="Random in Prelim rounds ">
       PRand
      </th>
     </tr>
    </thead>
    <tbody>
     <tr>
      <td class="centeralign">
       Prelim
      </td>
      <td>
       Eagan PS
      </td>
      <td>
       Patel &amp; Scheller
      </td>
      <td class="hiddencsv">
       R1:W2829R2:W29.429.9R3:W28.529R4:W2828.5R5:W3030
      </td>
      <td class="rightalign smallish">
       5
      </td>
      <td class="rightalign smallish">
       173.8
      </td>
      <td class="rightalign smallish">
       57.5
      </td>
      <td class="rightalign smallish">
       290.3
      </td>
      <td class="rightalign smallish">
       3
      </td>
      <td class="rightalign smallish">
       8.34
      </td>
     </tr>
     <tr>
```

```
<td class="centeralign">
 Prelim
</td>
<td>
 Edina RF
</td>
<td>
 Rewalliwar &amp; Fu
</td>
<td class="hiddencsv">
 R1:W2726R2:W2728R3:W27.127.5R4:W2929R5:W2929
</td>
<td class="rightalign smallish">
 5
</td>
<td class="rightalign smallish">
 167.6
</td>
<td class="rightalign smallish">
 55
</td>
<td class="rightalign smallish">
 278.6
</td>
<td class="rightalign smallish">
 2.8
</td>
<td class="rightalign smallish">
 4.93
</td>
</tr>
<tr>
 <td class="centeralign">
  Prelim
 </td>
 <td>
  Lakeville South MG
 </td>
 <td>
```

```
 McCoy &amp; Gerlach
</td>
<td class="hiddencsv">
 R1:W29.529R2:W3030R3:L27.125.1R4:W3030R5:W2929
</td>
<td class="rightalign smallish">
 4
</td>
<td class="rightalign smallish">
 176.5
</td>
<td class="rightalign smallish">
 58.5
</td>
<td class="rightalign smallish">
 288.7
</td>
<td class="rightalign smallish">
 2.8
</td>
<td class="rightalign smallish">
 0.1
</td>
</tr>
<tr>
 <td class="centeralign">
  Prelim
 </td>
 <td>
  Lakeville South CN
 </td>
 <td>
  Cook &amp; Norcia
 </td>
 <td class="hiddencsv">
  R1:W2929R2:L2929R3:W2928.5R4:W2929R5:W27.527
 </td>
 <td class="rightalign smallish">
  4
```

```
        </td>
        <td class="rightalign smallish">
         173.5
        </td>
        <td class="rightalign smallish">
         58
        </td>
        <td class="rightalign smallish">
         286
        </td>
        <td class="rightalign smallish">
         2.6
        </td>
        <td class="rightalign smallish">
         3.76
        </td>
       </tr>
       <tr>
        <td class="centeralign">
         Prelim
        </td>
        <td>
         Eastview TK
        </td>
        <td>
         Thota &amp; Kapur
        </td>
        <td class="hiddencsv">
         R1:W3029R2:L29.229.1R3:W2928.5R4:W2626R5:W2829
        </td>
        <td class="rightalign smallish">
         4
        </td>
        <td class="rightalign smallish">
         172.8
        </td>
        <td class="rightalign smallish">
         57.5
        </td>
```

```
<td class="rightalign smallish">
 283.8
</td>
<td class="rightalign smallish">
 2.8
</td>
<td class="rightalign smallish">
 3.14
</td>
</tr>
<tr>
 <td class="centeralign">
  Prelim
 </td>
 <td>
  Edina JM
 </td>
 <td>
  Jones &amp; Maynor
 </td>
 <td class="hiddencsv">
  R1:W2828R2:W2929R3:W2928R4:W2928.5R5:L2930
 </td>
 <td class="rightalign smallish">
  4
 </td>
 <td class="rightalign smallish">
  172.5
 </td>
 <td class="rightalign smallish">
  57.5
 </td>
 <td class="rightalign smallish">
  287.5
 </td>
 <td class="rightalign smallish">
  2.8
 </td>
 <td class="rightalign smallish">
```

```
       7.61
      </td>
     </tr>
     <tr>
      <td class="centeralign">
       Prelim
      </td>
      <td>
       Edina NT
      </td>
      <td>
       Nissen &amp; Teske
      </td>
      <td class="hiddencsv">
       R1:W27.529R2:W2829R3:W3030R4:W28.528.7R5:L2826
      </td>
      <td class="rightalign smallish">
       4
      </td>
      <td class="rightalign smallish">
       170.7
      </td>
      <td class="rightalign smallish">
       57
      </td>
      <td class="rightalign smallish">
       284.7
      </td>
      <td class="rightalign smallish">
       2.8
      </td>
      <td class="rightalign smallish">
       3.95
      </td>
     </tr>
     <tr>
      <td class="centeralign">
       Prelim
      </td>
```

```
<td>
 Eastview AA
</td>
<td>
 Alapati &amp; Addagudi
</td>
<td class="hiddencsv">
 R1:W28.929.1R2:W2928R3:L3029R4:L2828R5:W2929
</td>
<td class="rightalign smallish">
 3
</td>
<td class="rightalign smallish">
 173
</td>
<td class="rightalign smallish">
 58
</td>
<td class="rightalign smallish">
 288
</td>
<td class="rightalign smallish">
 2.6
</td>
<td class="rightalign smallish">
 6.8
</td>
</tr>
<tr>
 <td class="centeralign">
  Prelim
 </td>
 <td>
  Eastview GV
 </td>
 <td>
  Guttipatti &amp; Vij
 </td>
 <td class="hiddencsv">
```

```
      R1:W29.529R2:W28.528.8R3:L26.526.5R4:L2928.7R5:W2829
    </td>
    <td class="rightalign smallish">
      3
    </td>
    <td class="rightalign smallish">
      172
    </td>
    <td class="rightalign smallish">
      57.3
    </td>
    <td class="rightalign smallish">
      283.5
    </td>
    <td class="rightalign smallish">
      2.8
    </td>
    <td class="rightalign smallish">
      4.67
    </td>
  </tr>
  <tr>
    <td class="centeralign">
      Prelim
    </td>
    <td>
      Eastview SC
    </td>
    <td>
      Saravanapandi &amp; Chatterjee
    </td>
    <td class="hiddencsv">
      R1:W2727R2:W2928R3:L2828R4:L2828.3R5:W3029
    </td>
    <td class="rightalign smallish">
      3
    </td>
    <td class="rightalign smallish">
      169.3
```

```
      </td>
      <td class="rightalign smallish">
       56.3
      </td>
      <td class="rightalign smallish">
       282.3
      </td>
      <td class="rightalign smallish">
       2.8
      </td>
      <td class="rightalign smallish">
       0.46
      </td>
     </tr>
     <tr>
      <td class="centeralign">
       Prelim
      </td>
      <td>
       Eagan VH
      </td>
      <td>
       Victor &amp; Hagape
      </td>
      <td class="hiddencsv">
       R1:L28.528R2:L28.128.2R3:W2828R4:W2830R5:W2728
      </td>
      <td class="rightalign smallish">
       3
      </td>
      <td class="rightalign smallish">
       168.8
      </td>
      <td class="rightalign smallish">
       56.3
      </td>
      <td class="rightalign smallish">
       281.8
      </td>
```

```
      <td class="rightalign smallish">
       2.6
      </td>
      <td class="rightalign smallish">
       2.73
      </td>
     </tr>
     <tr>
      <td class="centeralign">
       Prelim
      </td>
      <td>
       Eastview DZ
      </td>
      <td>
       Dulla &amp; Zhu
      </td>
      <td class="hiddencsv">
       R1:W2827R2:W29.528.5R3:L2727R4:W27.527.5R5:L2829
      </td>
      <td class="rightalign smallish">
       3
      </td>
      <td class="rightalign smallish">
       167
      </td>
      <td class="rightalign smallish">
       55
      </td>
      <td class="rightalign smallish">
       279
      </td>
      <td class="rightalign smallish">
       3.2
      </td>
      <td class="rightalign smallish">
       9.48
      </td>
     </tr>
```

```
<tr>
 <td class="centeralign">
  Prelim
 </td>
 <td>
  Edina SI
 </td>
 <td>
  Shilts &amp; Ishani
 </td>
 <td class="hiddencsv">
  R1:W2827R2:W2829R3:W2728R4:L2526R5:L2827
 </td>
 <td class="rightalign smallish">
  3
 </td>
 <td class="rightalign smallish">
  165
 </td>
 <td class="rightalign smallish">
  55
 </td>
 <td class="rightalign smallish">
  273
 </td>
 <td class="rightalign smallish">
  2.8
 </td>
 <td class="rightalign smallish">
  4.27
 </td>
</tr>
<tr>
 <td class="centeralign">
  Prelim
 </td>
 <td>
  Eagan SG
 </td>
```

```
<td>
 Shah &amp; Garishakurti
</td>
<td class="hiddencsv">
 R1:L2526R2:W2827R3:W2829R4:L27.627.4R5:W27.527
</td>
<td class="rightalign smallish">
 3
</td>
<td class="rightalign smallish">
 164.5
</td>
<td class="rightalign smallish">
 55
</td>
<td class="rightalign smallish">
 272.5
</td>
<td class="rightalign smallish">
 2.8
</td>
<td class="rightalign smallish">
 3.7
</td>
</tr>
<tr>
 <td class="centeralign">
  Prelim
 </td>
 <td>
  Eagan CU
 </td>
 <td>
  Chino &amp; Ugboajah
 </td>
 <td class="hiddencsv">
  R1:L29.229R2:L2829R3:W2629R4:W2828.5R5:L2929
 </td>
 <td class="rightalign smallish">
```

```
   2
  </td>
  <td class="rightalign smallish">
   171.5
  </td>
  <td class="rightalign smallish">
   57
  </td>
  <td class="rightalign smallish">
   284.7
  </td>
  <td class="rightalign smallish">
   2.4
  </td>
  <td class="rightalign smallish">
   1.02
  </td>
 </tr>
 <tr>
  <td class="centeralign">
   Prelim
  </td>
  <td>
   Edina TG
  </td>
  <td>
   Taiwo &amp; Garimella
  </td>
  <td class="hiddencsv">
   R1:W28.527.5R2:L29.528.5R3:L2828R4:W3028R5:L2727
  </td>
  <td class="rightalign smallish">
   2
  </td>
  <td class="rightalign smallish">
   170
  </td>
  <td class="rightalign smallish">
   56
```

```
        </td>
        <td class="rightalign smallish">
         282
        </td>
        <td class="rightalign smallish">
         2.2
        </td>
        <td class="rightalign smallish">
         4.99
        </td>
       </tr>
       <tr>
        <td class="centeralign">
         Prelim
        </td>
        <td>
         Edina ST
        </td>
        <td>
         Smalley &amp; Tessmer-Tuck
        </td>
        <td class="hiddencsv">
         R1:L2827R2:W2829R3:L2827R4:W2828.5R5:L28.529
        </td>
        <td class="rightalign smallish">
         2
        </td>
        <td class="rightalign smallish">
         168.5
        </td>
        <td class="rightalign smallish">
         56.5
        </td>
        <td class="rightalign smallish">
         281
        </td>
        <td class="rightalign smallish">
         2.4
        </td>
```

```
          <td class="rightalign smallish">
            1.59
          </td>
        </tr>
        <tr>
          <td class="centeralign">
            Prelim
          </td>
          <td>
            Eagan SP
          </td>
          <td>
            Shailja Panchal
          </td>
          <td class="hiddencsv">
            R1:L26R2:L28R3:W27.7R4:W28.5R5:L28
          </td>
          <td class="rightalign smallish">
            2
          </td>
          <td class="rightalign smallish">
            166.62
          </td>
          <td class="rightalign smallish">
            55.64
          </td>
          <td class="rightalign smallish">
            276.4
          </td>
          <td class="rightalign smallish">
            2.6
          </td>
          <td class="rightalign smallish">
            7.49
          </td>
        </tr>
        <tr>
          <td class="centeralign">
            Prelim
```

```
</td>
<td>
 Lakeville South NH
</td>
<td>
 Nachreiner &amp; Husnik
</td>
<td class="hiddencsv">
 R1:BR2:W29.529R3:L2727R4:L2626R5:L2727
</td>
<td class="rightalign smallish">
 2
</td>
<td class="rightalign smallish">
 162.62
</td>
<td class="rightalign smallish">
 54.62
</td>
<td class="rightalign smallish">
 273.12
</td>
<td class="rightalign smallish">
 2.75
</td>
<td class="rightalign smallish">
 7.42
</td>
</tr>
<tr>
 <td class="centeralign">
  Prelim
 </td>
 <td>
  Eastview GP
 </td>
 <td>
  Gouette &amp; Pruidze
 </td>
```

```
<td class="hiddencsv">
 R1:L2928R2:W2825R3:W2727R4:L27.528R5:L2626
</td>
<td class="rightalign smallish">
 2
</td>
<td class="rightalign smallish">
 162.5
</td>
<td class="rightalign smallish">
 54
</td>
<td class="rightalign smallish">
 271.5
</td>
<td class="rightalign smallish">
 3
</td>
<td class="rightalign smallish">
 4.12
</td>
</tr>
<tr>
 <td class="centeralign">
  Prelim
 </td>
 <td>
  Edina SQ
 </td>
 <td>
  Sathe &amp; Qian
 </td>
 <td class="hiddencsv">
  R1:L2626R2:L2728.5R3:BR4:L2827.5R5:W26.526.5
 </td>
 <td class="rightalign smallish">
  2
 </td>
 <td class="rightalign smallish">
```

```
      162.5
    </td>
    <td class="rightalign smallish">
      54
    </td>
    <td class="rightalign smallish">
      270
    </td>
    <td class="rightalign smallish">
      2.25
    </td>
    <td class="rightalign smallish">
      6.96
    </td>
  </tr>
  <tr>
    <td class="centeralign">
      Prelim
    </td>
    <td>
      Blake CZ
    </td>
    <td>
      Chovan-Aziz &amp; Zhang
    </td>
    <td class="hiddencsv">
      R1:L2626R2:L27.528R3:L2727R4:BR5:W27.626.8
    </td>
    <td class="rightalign smallish">
      2
    </td>
    <td class="rightalign smallish">
      162.37
    </td>
    <td class="rightalign smallish">
      53.97
    </td>
    <td class="rightalign smallish">
      269.87
```

```
      </td>
      <td class="rightalign smallish">
       3
      </td>
      <td class="rightalign smallish">
       7.28
      </td>
     </tr>
     <tr>
      <td class="centeralign">
       Prelim
      </td>
      <td>
       East Ridge LP
      </td>
      <td>
       Lu &amp; Patel
      </td>
      <td class="hiddencsv">
       R1:L2727R2:L2625R3:W2827R4:L2525R5:W28.228.1
      </td>
      <td class="rightalign smallish">
       2
      </td>
      <td class="rightalign smallish">
       160
      </td>
      <td class="rightalign smallish">
       54
      </td>
      <td class="rightalign smallish">
       266.3
      </td>
      <td class="rightalign smallish">
       2.2
      </td>
      <td class="rightalign smallish">
       9.89
      </td>
```

```
    </tr>
    <tr>
     <td class="centeralign">
      Prelim
     </td>
     <td>
      Eastview SG
     </td>
     <td>
      Schlegel &amp; Gupta
     </td>
     <td class="hiddencsv">
      R1:W2827R2:L2828R3:L27.528.5R4:L2727R5:L2828
     </td>
     <td class="rightalign smallish">
      1
     </td>
     <td class="rightalign smallish">
      167
     </td>
     <td class="rightalign smallish">
      56
     </td>
     <td class="rightalign smallish">
      277
     </td>
     <td class="rightalign smallish">
      2.4
     </td>
     <td class="rightalign smallish">
      5.82
     </td>
    </tr>
    <tr>
     <td class="centeralign">
      Prelim
     </td>
     <td>
      East Ridge EB
```

```
</td>
<td>
 Eliza Beyers
</td>
<td class="hiddencsv">
 R1:L27.5R2:L28R3:W28R4:L28R5:L26
</td>
<td class="rightalign smallish">
 1
</td>
<td class="rightalign smallish">
 166
</td>
<td class="rightalign smallish">
 55.5
</td>
<td class="rightalign smallish">
 275
</td>
<td class="rightalign smallish">
 2.2
</td>
<td class="rightalign smallish">
 3.68
</td>
</tr>
<tr>
 <td class="centeralign">
 Prelim
</td>
<td>
 Bloomington Jefferson MR
</td>
<td>
 Maki &amp; Ranzau
</td>
<td class="hiddencsv">
 R1:L2827R2:L2927.5R3:L27.626.8R4:L2829R5:W2726
</td>
```

```
<td class="rightalign smallish">
 1
</td>
<td class="rightalign smallish">
 165.9
</td>
<td class="rightalign smallish">
 55
</td>
<td class="rightalign smallish">
 275.9
</td>
<td class="rightalign smallish">
 2
</td>
<td class="rightalign smallish">
 1.28
</td>
</tr>
<tr>
 <td class="centeralign">
  Prelim
 </td>
 <td>
  Blake HP
 </td>
 <td>
  Homan &amp; Pradhan
 </td>
 <td class="hiddencsv">
  R1:L2828R2:L2728R3:L2727.5R4:L2727.5R5:B
 </td>
 <td class="rightalign smallish">
  1
 </td>
 <td class="rightalign smallish">
  164.5
 </td>
 <td class="rightalign smallish">
```

```
  55
 </td>
 <td class="rightalign smallish">
  275
 </td>
 <td class="rightalign smallish">
  2.25
 </td>
 <td class="rightalign smallish">
  4.85
 </td>
</tr>
<tr>
 <td class="centeralign">
  Prelim
 </td>
 <td>
  Lakeville North SH
 </td>
 <td>
  Sciamanda &amp; Hentges
 </td>
 <td class="hiddencsv">
  R1:L2727R2:BR3:L2727R4:L2828.5R5:L26.526.5
 </td>
 <td class="rightalign smallish">
  1
 </td>
 <td class="rightalign smallish">
  162.37
 </td>
 <td class="rightalign smallish">
  54.37
 </td>
 <td class="rightalign smallish">
  271.87
 </td>
 <td class="rightalign smallish">
  2.75
```

```
        </td>
        <td class="rightalign smallish">
         4.66
        </td>
       </tr>
       <tr>
        <td class="centeralign">
         Prelim
        </td>
        <td>
         Nova debaters FG
        </td>
        <td>
         Flesher &amp; Gidwani
        </td>
        <td class="hiddencsv">
         R1:L2727R2:L2627R3:L2526R4:W3028R5:L26.226
        </td>
        <td class="rightalign smallish">
         1
        </td>
        <td class="rightalign smallish">
         159.2
        </td>
        <td class="rightalign smallish">
         53
        </td>
        <td class="rightalign smallish">
         268.2
        </td>
        <td class="rightalign smallish">
         2.4
        </td>
        <td class="rightalign smallish">
         6.91
        </td>
       </tr>
      </tbody>
     </table>
```

```
              </div>
            </div>
          </div>
          <div id="footer">
            <span class="leftlinks twothirds">
             <a href="https://www.speechanddebate.org/join" tabindex="-1">
              Join the National Speech &amp; Debate Association
             </a>
             <a href="https://www.speechanddebate.org/mission" tabindex="-1">
              About
             </a>
             <a href="mailto:help@tabroom.com" tabindex="-1">
              Help
             </a>
             <a href="https://www.tabroom.com/index/about.mhtml" tabindex="-1">
              Contact
             </a>
            </span>
           </div>
          </div>
         </body>
        </html>
```

In [21]: `table2 = soup2.select('table')[0]`

In [22]: `table2`

Out[22]:
```
<table id="70544-1">
<thead> <tr class="yellowrow smallish padvert"> <th> Place </th> <th> C
ode </th> <th> Name </th>
<th class="smallish nosort hiddencsv" title="Unadjusted Raw Scores ">
                                               Ballots
                                    </th>
<th class="smallish" title="Wins in Prelim rounds (Descending)">
                                               PWin
                                    </th>
<th class="smallish" title=" Points dropping 1 best &amp; worst in Prel
im rounds (Descending)">
```

```
                                                    PPts -1HL
                                </th>
<th class="smallish" title=" Points dropping 2 best &amp; worst in Prel
im rounds (Descending)">
                                                    PPts -2HL
                                </th>
<th class="smallish" title=" Points in Prelim rounds (Descending)">
                                                    PPts
                                </th>
<th class="smallish" title="Opponent Wins in Prelim rounds (Descendin
g)">
                                                    POpW
                                </th>
<th class="smallish" title="Random in Prelim rounds ">
                                                    PRand
                                </th>
</tr>
</thead>
<tbody>
<tr>
<td class="centeralign">

                                                    Prelim
                                </td>
<td>

                                                    Eagan PS
                                </td>
<td>

                                                        Patel &
amp; Scheller
                                </td>
<td class="hiddencsv">
                                                    R1:W2829R2:W29.
429.9R3:W28.529R4:W2828.5R5:W3030
                                </td>
<td class="rightalign smallish">
                                                    5
                                </td>
<td class="rightalign smallish">
                                                    173.8
```

```html
				</td>
			<td class="rightalign smallish">
				57.5
			</td>
			<td class="rightalign smallish">
				290.3
			</td>
			<td class="rightalign smallish">
				3
			</td>
			<td class="rightalign smallish">
				8.34
			</td>
		</tr>
		<tr>
		<td class="centeralign">

				Prelim
			</td>
		<td>

				Edina RF
			</td>
war &amp; Fu
				Rewalli
			</td>
		<td class="hiddencsv">
			R1:W2726R2:W272
8R3:W27.127.5R4:W2929R5:W2929
			</td>
		<td class="rightalign smallish">
				5
			</td>
		<td class="rightalign smallish">
				167.6
			</td>
		<td class="rightalign smallish">
				55
			</td>
		<td class="rightalign smallish">
```

```
                                                        278.6
                                    </td>
<td class="rightalign smallish">
                                                        2.8
                                    </td>
<td class="rightalign smallish">
                                                        4.93
                                    </td>

</tr>
<tr>
<td class="centeralign">
                            </td>
<td>
                                                        Prelim
MG
                                                        Lakeville South
<td>
                                    </td>
amp; Gerlach
                                                            McCoy &
<td class="hiddencsv">
                                    </td>
030R3:L27.125.1R4:W3030R5:W2929
                                                        R1:W29.529R2:W3
                                    </td>
<td class="rightalign smallish">
                                                        4
                                    </td>
<td class="rightalign smallish">
                                                        176.5
                                    </td>
<td class="rightalign smallish">
                                                        58.5
                                    </td>
<td class="rightalign smallish">
                                                        288.7
                                    </td>
<td class="rightalign smallish">
                                                        2.8
```

```
                                                      </td>
        <td class="rightalign smallish">
                                                      0.1
                                                  </td>

    </tr>
    <tr>
    <td class="centeralign">
                                                      Prelim
                                          </td>

    <td>
                                                      Lakeville South
    CN                                            </td>

    <td>
                                                          Cook &a
    mp; Norcia                                    </td>

    <td class="hiddencsv">
                                                      R1:W2929R2:L292
    9R3:W2928.5R4:W2929R5:W27.527
                                                  </td>
    <td class="rightalign smallish">
                                                      4
                                                  </td>
    <td class="rightalign smallish">
                                                      173.5
                                                  </td>
    <td class="rightalign smallish">
                                                      58
                                                  </td>
    <td class="rightalign smallish">
                                                      286
                                                  </td>
    <td class="rightalign smallish">
                                                      2.6
                                                  </td>
    <td class="rightalign smallish">
                                                      3.76
                                                  </td>
```

```
</tr>
<tr>
<td class="centeralign">
                                    Prelim
                        </td>
<td>
                                    Eastview TK
                        </td>
<td>
                                            Thota &
amp; Kapur
                        </td>
<td class="hiddencsv">
                                    R1:W3029R2:L29.
229.1R3:W2928.5R4:W2626R5:W2829
                        </td>
<td class="rightalign smallish">
                                    4
                        </td>
<td class="rightalign smallish">
                                    172.8
                        </td>
<td class="rightalign smallish">
                                    57.5
                        </td>
<td class="rightalign smallish">
                                    283.8
                        </td>
<td class="rightalign smallish">
                                    2.8
                        </td>
<td class="rightalign smallish">
                                    3.14
                        </td>
</tr>
<tr>
<td class="centeralign">
                                    Prelim
                        </td>
```

```
<td>

                                                Edina JM
                                    </td>

<td>
                                                    Jones &
amp; Maynor
                                    </td>
<td class="hiddencsv">
                                                R1:W2828R2:W292
9R3:W2928R4:W2928.5R5:L2930
                                    </td>
<td class="rightalign smallish">
                                                4
                                    </td>
<td class="rightalign smallish">
                                                172.5
                                    </td>
<td class="rightalign smallish">
                                                57.5
                                    </td>
<td class="rightalign smallish">
                                                287.5
                                    </td>
<td class="rightalign smallish">
                                                2.8
                                    </td>
<td class="rightalign smallish">
                                                7.61
                                    </td>
</tr>
<tr>
<td class="centeralign">
                                                Prelim
                            </td>

<td>
                                                Edina NT
                                    </td>
                                                    Nissen
<td>
```

```
&amp; Teske

<td class="hiddencsv">

829R3:W3030R4:W28.528.7R5:L2826

<td class="rightalign smallish">

<td class="rightalign smallish">

<td class="rightalign smallish">

<td class="rightalign smallish">

<td class="rightalign smallish">

<td class="rightalign smallish">

</tr>
<tr>
<td class="centeralign">

<td>

&amp; Addagudi

<td class="hiddencsv">

W2928R3:L3029R4:L2828R5:W2929
```

```
                                        </td>

                                        R1:W27.529R2:W2
                        </td>

                                        4
                        </td>

                                        170.7
                        </td>

                                        57
                        </td>

                                        284.7
                        </td>

                                        2.8
                        </td>

                                        3.95
                        </td>


                                        Prelim
                </td>

                                        Eastview AA
                        </td>

                                                Alapati
                        </td>

                                        R1:W28.929.1R2:
```

```
                                                        </td>
        <td class="rightalign smallish">
                                                        3
                                                </td>
        <td class="rightalign smallish">
                                                        173
                                                </td>
        <td class="rightalign smallish">
                                                        58
                                                </td>
        <td class="rightalign smallish">
                                                        288
                                                </td>
        <td class="rightalign smallish">
                                                        2.6
                                                </td>
        <td class="rightalign smallish">
                                                        6.8
                                                </td>
        </tr>
        <tr>
        <td class="centeralign">
                                        </td>
        <td>
                                                        Prelim
        <td>
                                                        Eastview GV
                                                </td>
        tti &amp; Vij
                                                                Guttipa
                                                        </td>
        <td class="hiddencsv">
                                                        R1:W29.529R2:W2
        8.528.8R3:L26.526.5R4:L2928.7R5:W2829
                                                </td>
        <td class="rightalign smallish">
                                                        3
                                                </td>
        <td class="rightalign smallish">
```

```
                                                                      172
                                                            </td>
        <td class="rightalign smallish">
                                                                      57.3
                                                            </td>
        <td class="rightalign smallish">
                                                                      283.5
                                                            </td>
        <td class="rightalign smallish">
                                                                      2.8
                                                            </td>
        <td class="rightalign smallish">
                                                                      4.67
                                                            </td>

        </tr>
        <tr>
        <td class="centeralign">

                                                    </td>

        <td>
                                                                      Prelim

        <td>
                                                                      Eastview SC
                                                            </td>
        apandi &amp; Chatterjee
                                                                          Saravan
                                                            </td>
        <td class="hiddencsv">
                                                                      R1:W2727R2:W292
        8R3:L2828R4:L2828.3R5:W3029
                                                            </td>
        <td class="rightalign smallish">
                                                                      3
                                                            </td>
        <td class="rightalign smallish">
                                                                      169.3
                                                            </td>
        <td class="rightalign smallish">
                                                                      56.3
                                                            </td>
```

```
            <td class="rightalign smallish">
                                                            282.3
                                            </td>
            <td class="rightalign smallish">
                                                            2.8
                                            </td>
            <td class="rightalign smallish">
                                                            0.46
                                            </td>

        </tr>
        <tr>
        <td class="centeralign">

                                    </td>

        <td>
                                                            Prelim

                                                            Eagan VH
                                            </td>

        <td>
                                                                Victor

                                                </td>
&amp; Hagape
                                            R1:L28.528R2:L2
        <td class="hiddencsv">
                                            </td>
8.128.2R3:W2828R4:W2830R5:W2728
                                                            3
        <td class="rightalign smallish">
                                            </td>

                                                            168.8
        <td class="rightalign smallish">
                                            </td>

                                                            56.3
        <td class="rightalign smallish">
                                            </td>

                                                            281.8
        <td class="rightalign smallish">
                                            </td>

                                                            2.6
        <td class="rightalign smallish">
```

```
                                              </td>
            <td class="rightalign smallish">
                                                 2.73
                                              </td>

</tr>
<tr>
<td class="centeralign">
                                                 Prelim
                              </td>
<td>
                                                 Eastview DZ
                                              </td>
<td>
                                                        Dulla &
amp; Zhu
                                              </td>
<td class="hiddencsv">
                                                 R1:W2827R2:W29.
528.5R3:L2727R4:W27.527.5R5:L2829
                                              </td>
<td class="rightalign smallish">
                                                 3
                                              </td>
<td class="rightalign smallish">
                                                 167
                                              </td>
<td class="rightalign smallish">
                                                 55
                                              </td>
<td class="rightalign smallish">
                                                 279
                                              </td>
<td class="rightalign smallish">
                                                 3.2
                                              </td>
<td class="rightalign smallish">
                                                 9.48
                                              </td>
</tr>
```

```
<tr>
<td class="centeralign">
                                          Prelim
                           </td>

<td>
                                          Edina SI
                             </td>

<td>

&amp; Ishani
                                              Shilts
                             </td>
<td class="hiddencsv">
                                          R1:W2827R2:W282
9R3:W2728R4:L2526R5:L2827
                             </td>

<td class="rightalign smallish">
                                          3
                             </td>

<td class="rightalign smallish">
                                          165
                             </td>

<td class="rightalign smallish">
                                          55
                             </td>

<td class="rightalign smallish">
                                          273
                             </td>

<td class="rightalign smallish">
                                          2.8
                             </td>

<td class="rightalign smallish">
                                          4.27
                             </td>
</tr>
<tr>
<td class="centeralign">
                                          Prelim
                           </td>

<td>
```

```
                                                            Eagan SG
                                                    </td>

            <td>
                                                            Shah &a
            mp; Garishakurti
                                                    </td>
            <td class="hiddencsv">
                                                    R1:L2526R2:W282
            7R3:W2829R4:L27.627.4R5:W27.527
                                                    </td>
            <td class="rightalign smallish">
                                                    3
                                                    </td>
            <td class="rightalign smallish">
                                                    164.5
                                                    </td>
            <td class="rightalign smallish">
                                                    55
                                                    </td>
            <td class="rightalign smallish">
                                                    272.5
                                                    </td>
            <td class="rightalign smallish">
                                                    2.8
                                                    </td>
            <td class="rightalign smallish">
                                                    3.7
                                                    </td>
            </tr>
            <tr>
            <td class="centeralign">
                                                            Prelim
                                            </td>
            <td>
                                                            Eagan CU
                                                    </td>
            <td>
                                                            Chino &
            amp; Ugboajah
```

```
                                            </td>
        <td class="hiddencsv">
                                            R1:L29.229R2:L2
        829R3:W2629R4:W2828.5R5:L2929
                                        </td>
        <td class="rightalign smallish">
                                            2
                                        </td>
        <td class="rightalign smallish">
                                            171.5
                                        </td>
        <td class="rightalign smallish">
                                            57
                                        </td>
        <td class="rightalign smallish">
                                            284.7
                                        </td>
        <td class="rightalign smallish">
                                            2.4
                                        </td>
        <td class="rightalign smallish">
                                            1.02
                                        </td>
        </tr>
        <tr>
        <td class="centeralign">
                                            Prelim
                        </td>
        <td>
                                            Edina TG
                                        </td>
        <td>
                                                Taiwo &
        amp; Garimella
                                        </td>
        <td class="hiddencsv">
                                            R1:W28.527.5R2:
        L29.528.5R3:L2828R4:W3028R5:L2727
                                        </td>
```

```
                <td class="rightalign smallish">
                                                    2
                                                </td>
                <td class="rightalign smallish">
                                                    170
                                                </td>
                <td class="rightalign smallish">
                                                    56
                                                </td>
                <td class="rightalign smallish">
                                                    282
                                                </td>
                <td class="rightalign smallish">
                                                    2.2
                                                </td>
                <td class="rightalign smallish">
                                                    4.99
                                                </td>
                </tr>
                <tr>
                <td class="centeralign">

                                        </td>
                                                    Prelim

                <td>
                                                    Edina ST
                                                </td>
                &amp; Tessmer-Tuck
                                                        Smalley
                <td class="hiddencsv">
                                                    </td>
                9R3:L2827R4:W2828.5R5:L28.529
                                                    R1:L2827R2:W282
                <td class="rightalign smallish">
                                                    </td>
                                                    2
                <td class="rightalign smallish">
                                                    </td>
                                                    168.5
```

```
                                      </td>
        <td class="rightalign smallish">
                                      56.5
                                      </td>
        <td class="rightalign smallish">
                                      281
                                      </td>
        <td class="rightalign smallish">
                                      2.4
                                      </td>
        <td class="rightalign smallish">
                                      1.59
                                      </td>
        </tr>
        <tr>
        <td class="centeralign">
                                      Prelim
                        </td>
        <td>
                                      Eagan SP
                                      </td>
        Panchal
                                              Shailja
        <td class="hiddencsv">
                                      </td>
        W27.7R4:W28.5R5:L28
                                      R1:L26R2:L28R3:
                                      </td>
        <td class="rightalign smallish">
                                      2
                                      </td>
        <td class="rightalign smallish">
                                      166.62
                                      </td>
        <td class="rightalign smallish">
                                      55.64
                                      </td>
        <td class="rightalign smallish">
```

```
                                                                    276.4
                                                    </td>
        <td class="rightalign smallish">
                                                                    2.6
                                                    </td>
        <td class="rightalign smallish">

                                                                    7.49
                                                    </td>


        </tr>
        <tr>
        <td class="centeralign">

                                        </td>
        <td>
                                                                    Prelim

        NH
                                                                    Lakeville South
        <td>
                                                    </td>
        ner &amp; Husnik
                                                                            Nachrei
        <td class="hiddencsv">
                                                    </td>
        3:L2727R4:L2626R5:L2727
                                                                    R1:BR2:W29.529R

                                                    </td>
        <td class="rightalign smallish">
                                                                    2
                                                    </td>
        <td class="rightalign smallish">
                                                                    162.62
                                                    </td>
        <td class="rightalign smallish">
                                                                    54.62
                                                    </td>
        <td class="rightalign smallish">
                                                                    273.12
                                                    </td>
        <td class="rightalign smallish">
                                                                    2.75
```

```
                                                    </td>
            <td class="rightalign smallish">
                                                        7.42
                                                    </td>
        </tr>
        <tr>
        <td class="centeralign">
                                                        Prelim
                                </td>
        <td>
                                                        Eastview GP
                                                    </td>
        &amp; Pruidze
                                                            Gouette
        <td class="hiddencsv">
                                                    </td>
        5R3:W2727R4:L27.528R5:L2626
                                                        R1:L2928R2:W282
                                                    </td>
        <td class="rightalign smallish">
                                                        2
                                                    </td>
        <td class="rightalign smallish">
                                                        162.5
                                                    </td>
        <td class="rightalign smallish">
                                                        54
                                                    </td>
        <td class="rightalign smallish">
                                                        271.5
                                                    </td>
        <td class="rightalign smallish">
                                                        3
                                                    </td>
        <td class="rightalign smallish">
                                                        4.12
                                                    </td>
        </tr>
```

```
<tr>
<td class="centeralign">
                                              Prelim
                          </td>

<td>
                                              Edina SQ
                      </td>

<td>
                                                  Sathe &
amp; Qian
                      </td>
<td class="hiddencsv">
                                              R1:L2626R2:L272
8.5R3:BR4:L2827.5R5:W26.526.5
                      </td>
<td class="rightalign smallish">
                                              2
                      </td>
<td class="rightalign smallish">
                                              162.5
                      </td>
<td class="rightalign smallish">
                                              54
                      </td>
<td class="rightalign smallish">
                                              270
                      </td>
<td class="rightalign smallish">
                                              2.25
                      </td>
<td class="rightalign smallish">
                                              6.96
                      </td>
</tr>
<tr>
<td class="centeralign">
                                              Prelim
                          </td>

<td>
```

```
                                                                        Blake CZ
                                                      </td>

<td>
                                                                Chovan-
Aziz &amp; Zhang
                                                      </td>
<td class="hiddencsv">
                                                              R1:L2626R2:L27.
528R3:L2727R4:BR5:W27.626.8
                                                      </td>
<td class="rightalign smallish">
                                                              2
                                                      </td>
<td class="rightalign smallish">
                                                              162.37
                                                      </td>
<td class="rightalign smallish">
                                                              53.97
                                                      </td>
<td class="rightalign smallish">
                                                              269.87
                                                      </td>
<td class="rightalign smallish">
                                                              3
                                                      </td>
<td class="rightalign smallish">
                                                              7.28
                                                      </td>
</tr>
<tr>
<td class="centeralign">
                                                              Prelim
                                          </td>
<td>
                                                              East Ridge LP
                                          </td>
<td>
                                                                Lu &am
p; Patel
```

```
                                                          </td>
        <td class="hiddencsv">
                                                          R1:L2727R2:L262
        5R3:W2827R4:L2525R5:W28.228.1                 </td>

        <td class="rightalign smallish">
                                                          2
                                                      </td>
        <td class="rightalign smallish">
                                                          160
                                                      </td>
        <td class="rightalign smallish">
                                                          54
                                                      </td>
        <td class="rightalign smallish">
                                                          266.3
                                                      </td>
        <td class="rightalign smallish">
                                                          2.2
                                                      </td>
        <td class="rightalign smallish">
                                                          9.89
                                                      </td>
        </tr>
        <tr>
        <td class="centeralign">
                                                          Prelim
                                          </td>
        <td>
                                                          Eastview SG
                                                      </td>
        <td>
                                                              Schlege
        l &amp; Gupta                                     </td>
        <td class="hiddencsv">
                                                          R1:W2827R2:L282
        8R3:L27.528.5R4:L2727R5:L2828                 </td>
                                                      </td>
```

```
        <td class="rightalign smallish">
                                                        1
                                        </td>
        <td class="rightalign smallish">
                                                        167
                                        </td>
        <td class="rightalign smallish">
                                                        56
                                        </td>
        <td class="rightalign smallish">
                                                        277
                                        </td>
        <td class="rightalign smallish">
                                                        2.4
                                        </td>
        <td class="rightalign smallish">
                                                        5.82
                                        </td>
        </tr>
        <tr>
        <td class="centeralign">

                                                        Prelim
                        </td>
        <td>

                                                        East Ridge EB
                                        </td>

        <td>
                                                                Eliza B
eyers
                                                        </td>
        <td class="hiddencsv">

3:W28R4:L28R5:L26
        <td class="rightalign smallish">

                                                        R1:L27.5R2:L28R
                                        </td>
                                                        1
                                        </td>
        <td class="rightalign smallish">
                                                        166
```

```
                                                        </td>
        <td class="rightalign smallish">
                                                        55.5
                                                    </td>
        <td class="rightalign smallish">
                                                        275
                                                    </td>
        <td class="rightalign smallish">
                                                        2.2
                                                    </td>
        <td class="rightalign smallish">
                                                        3.68
                                                    </td>
        </tr>
        <tr>
        <td class="centeralign">

                                                        Prelim
                                        </td>
        <td>

                                                        Bloomington Jef
        ferson MR
                                                    </td>
        <td>
                                                                Maki &a
        mp; Ranzau
                                                    </td>
        <td class="hiddencsv">
                                                        R1:L2827R2:L292
        7.5R3:L27.626.8R4:L2829R5:W2726
                                                    </td>
        <td class="rightalign smallish">
                                                        1
                                                    </td>
        <td class="rightalign smallish">
                                                        165.9
                                                    </td>
        <td class="rightalign smallish">
                                                        55
                                                    </td>
```

```
                    <td class="rightalign smallish">
                                                    275.9
                                        </td>
                    <td class="rightalign smallish">
                                                    2
                                        </td>
                    <td class="rightalign smallish">
                                                    1.28
                                        </td>
            </tr>
            <tr>
            <td class="centeralign">

                                </td>
            <td>

                                                    Prelim

                                                    Blake HP
                                        </td>

            amp; Pradhan
                                                            Homan &

            <td class="hiddencsv">
                                        </td>
            8R3:L2727.5R4:L2727.5R5:B
                                                    R1:L2828R2:L272

                                        </td>
            <td class="rightalign smallish">
                                                    1
                                        </td>
            <td class="rightalign smallish">
                                                    164.5
                                        </td>
            <td class="rightalign smallish">
                                                    55
                                        </td>
            <td class="rightalign smallish">
                                                    275
                                        </td>
            <td class="rightalign smallish">
                                                    2.25
```

```
</td>
                                    4.85
<td class="rightalign smallish">              </td>

                                    Prelim
</tr>                            </td>
<tr>
<td class="centeralign">              Lakeville North
                                </td>
<td>                                         Sciaman
                                          </td>
SH
                                    R1:L2727R2:BR3:
<td>                              </td>

da &amp; Hentges                         1
                                    </td>
<td class="hiddencsv">
                                    162.37
L2727R4:L2828.5R5:L26.526.5         </td>

<td class="rightalign smallish">         54.37
                                    </td>

<td class="rightalign smallish">         271.87
                                    </td>

<td class="rightalign smallish">         2.75
                                    </td>

<td class="rightalign smallish">         4.66
                                    </td>

<td class="rightalign smallish">
```

```
</tr>
<tr>
<td class="centeralign">
                                        Prelim
                            </td>
<td>
                                        Nova debaters F
G                           </td>
<td>
                                            Flesher
&amp; Gidwani                   </td>
<td class="hiddencsv">
                                        R1:L2727R2:L262
7R3:L2526R4:W3028R5:L26.226  </td>
<td class="rightalign smallish">
                                        1
                            </td>
<td class="rightalign smallish">
                                        159.2
                            </td>
<td class="rightalign smallish">
                                        53
                            </td>
<td class="rightalign smallish">
                                        268.2
                            </td>
<td class="rightalign smallish">
                                        2.4
                            </td>
<td class="rightalign smallish">
                                        6.91
                            </td>
</tr>
</tbody>
</table>
```

```
In [23]:  columns2 = table2.find('thead').find_all('th')
```

```
In [24]:  column_names2 = [c.string for c in columns2]
```

```
In [25]:  table_rows2 = table2.find('tbody').find_all('tr')
```

```
In [26]:  list2 = []
```

```
In [27]:  for tr in table_rows2:
              td = tr.find_all('td')
              row = [str(tr.get_text()).strip() for tr in td]
              list2.append(row)
```

```
In [28]:  df2 = pd.DataFrame(list2, columns = column_names2)
```

```
In [29]:  #Here is our second Pandas DataFrame scraped from an HTML Webpage.
          df2.head()
```

Out[29]:

	Place	Code	Name	\n\t\t\t\t\t\t\tBallots\n\t\t\t\t\t	\n\t\t\t\t\t\t\tP
0	Prelim	Eagan PS	Patel & Scheller	R1:W2829R2:W29.429.9R3:W28.529R4:W2828.5R5:W3030	
1	Prelim	Edina RF	Rewalliwar & Fu	R1:W2726R2:W2728R3:W27.127.5R4:W2929R5:W2929	
2	Prelim	Lakeville South MG	McCoy & Gerlach	R1:W29.529R2:W3030R3:L27.125.1R4:W3030R5:W2929	
3	Prelim	Lakeville South CN	Cook & Norcia	R1:W2929R2:L2929R3:W2928.5R4:W2929R5:W27.527	
4	Prelim	Eastview TK	Thota & Kapur	R1:W3029R2:L29.229.1R3:W2928.5R4:W2626R5:W2829	

```
In [30]:  #More Data Cleaning Processes Here
          df2 = df2.iloc[:, :6]
```

```
In [31]:  df2.columns
```

```
Out[31]:  Index([' Place ', ' Code ', ' Name ', '\n\t\t\t\t\t\t\tBallots\n\t\t\t
          \t\t\t',
                  '\n\t\t\t\t\t\t\tPWin\n\t\t\t\t\t\t',
                  '\n\t\t\t\t\t\t\tPPts -1HL\n\t\t\t\t\t\t'],
                dtype='object')
```

```
In [32]:  del df2['\n\t\t\t\t\t\t\tBallots\n\t\t\t\t\t\t']
```

```
In [33]:  df2 = df2.rename({'\n\t\t\t\t\t\t\tPWin\n\t\t\t\t\t\t': 'Wins', '\n\t\t
          \t\t\t\t\tPPts -1HL\n\t\t\t\t\t\t': 'Speaker Points'}, axis=1)
```

```
In [34]:  for index, row in df2.iterrows():
              row[' Place '] = index + 1
```

```
In [35]:  df2
```

Out[35]:

	Place	Code	Name	Wins	Speaker Points
0	1	Eagan PS	Patel & Scheller	5	173.8
1	2	Edina RF	Rewalliwar & Fu	5	167.6
2	3	Lakeville South MG	McCoy & Gerlach	4	176.5
3	4	Lakeville South CN	Cook & Norcia	4	173.5
4	5	Eastview TK	Thota & Kapur	4	172.8
5	6	Edina JM	Jones & Maynor	4	172.5
6	7	Edina NT	Nissen & Teske	4	170.7
7	8	Eastview AA	Alapati & Addagudi	3	173
8	9	Eastview GV	Guttipatti & Vij	3	172

Place	Code	Name	Wins	Speaker Points
9	10	Eastview SC	Saravanapandi & Chatterjee	3	169.3
10	11	Eagan VH	Victor & Hagape	3	168.8
11	12	Eastview DZ	Dulla & Zhu	3	167
12	13	Edina SI	Shilts & Ishani	3	165
13	14	Eagan SG	Shah & Garishakurti	3	164.5
14	15	Eagan CU	Chino & Ugboajah	2	171.5
15	16	Edina TG	Taiwo & Garimella	2	170
16	17	Edina ST	Smalley & Tessmer-Tuck	2	168.5
17	18	Eagan SP	Shailja Panchal	2	166.62
18	19	Lakeville South NH	Nachreiner & Husnik	2	162.62
19	20	Eastview GP	Gouette & Pruidze	2	162.5
20	21	Edina SQ	Sathe & Qian	2	162.5
21	22	Blake CZ	Chovan-Aziz & Zhang	2	162.37
22	23	East Ridge LP	Lu & Patel	2	160
23	24	Eastview SG	Schlegel & Gupta	1	167
24	25	East Ridge EB	Eliza Beyers	1	166
25	26	Bloomington Jefferson MR	Maki & Ranzau	1	165.9
26	27	Blake HP	Homan & Pradhan	1	164.5
27	28	Lakeville North SH	Sciamanda & Hentges	1	162.37
28	29	Nova debaters FG	Flesher & Gidwani	1	159.2

In [36]:
```python
df1['Wins'] = pd.to_numeric(df1["Wins"])
df1[' Place '] = pd.to_numeric(df1[' Place '])
df1['Speaker Points'] = pd.to_numeric(df1['Speaker Points'])
```

In [37]:
```python
df1['Wins'] = df1['Wins'].astype(int)
```

```
In [38]:    df2['Wins'] = pd.to_numeric(df2["Wins"])
            df2[' Place '] = pd.to_numeric(df2[' Place '])
            df2['Speaker Points'] = pd.to_numeric(df2['Speaker Points'])

In [39]:    #This was a very advanced data cleaning process. In our data, sometimes
             the 'Code' column has different values
            #but represent the same thing. For example, Eastview TK is the same as
             Eastview KT, but based on the tournament,
            #some use the first code, others use the second code. This would be ver
            y troublesome when it comes to merging our
            #data based on the 'Code' column, so we need to standardize each DataFr
            ame by changing the codes so that all the
            #letter codes (e.g. TK) would be formatted in alphabetical order (e.g.
             Eastview TK -> Eastview KT)
            for index, row in df1.iterrows():
                temp1 = df1[' Code '][index].split()
                temp4 = temp1[0]
                if len(temp1) == 3:
                    temp5 = temp1[1]
                temp2 = temp1[-1]
                temp3 = temp2[::-1]
                if temp2 > temp3:
                    temp2 = temp3
                    if len(temp1) == 3:
                        df1[' Code '][index] = temp4 + ' ' + temp5 + ' ' + temp2
                    else:
                        df1[' Code '][index] = temp4 + ' ' + temp2

In [40]:    #I apply the same process for the second DataFrame.
            for index, row in df2.iterrows():
                temp1 = df2[' Code '][index].split()
                temp4 = temp1[0]
                if len(temp1) == 3:
                    temp5 = temp1[1]
                temp2 = temp1[-1]
                temp3 = temp2[::-1]
                if temp2 > temp3:
                    temp2 = temp3
```

```
        if len(temp1) == 3:
            df2[' Code '][index] = temp4 + ' ' + temp5 + ' ' + temp2
        else:
            df2[' Code '][index] = temp4 + ' ' + temp2
```

In [41]: `df1.head()`

Out[41]:

	Place	Code	Name	Wins	Speaker Points
0	1	Eagan PS	Patel & Scheller	5	176.5
1	2	Eastview DZ	Dulla & Zhu	4	173.5
2	3	Denfeld AZ	Autumn Zierman	4	172.1
3	4	Eastview KT	Kapur & Thota	4	172.0
4	5	SPA BG	Bijwadia & Guinan	4	172.0

In [42]: `df2.head()`

Out[42]:

	Place	Code	Name	Wins	Speaker Points
0	1	Eagan PS	Patel & Scheller	5	173.8
1	2	Edina FR	Rewalliwar & Fu	5	167.6
2	3	Lakeville South GM	McCoy & Gerlach	4	176.5
3	4	Lakeville South CN	Cook & Norcia	4	173.5
4	5	Eastview KT	Thota & Kapur	4	172.8

In [43]: `df2 = df2.drop_duplicates(' Code ')`

In [44]:
```
#Now I begin the Data Wrangling process. Here, I merged the two datafra
mes based on the 'Code' column.
df3 = pd.merge(df2, df1, on=' Code ', suffixes=('_T1', '_T2'))
```

In [45]: `#You may notice there is only 11 teams here instead of the 32 that were`

```
    present in the first dataframe or the 29
#in the second dataframe. This is because we performed an inner join on
 the merge, meaning that we are only going
#to merge on the 'Code' column key for teams that participated in both
 tournaments. As we can see, only 11 teams
#participated in both tournaments, so only 11 teams are present in the
 new, merged dataframe.
df3
```

Out[45]:

	Place _T1	Code	Name _T1	Wins_T1	Speaker Points_T1	Place _T2	Name _T2	Wins_T2	Speaker Points_T
0	1	Eagan PS	Patel & Scheller	5	173.8	1	Patel & Scheller	5	176
1	2	Edina FR	Rewalliwar & Fu	5	167.6	7	Fu & Rewalliwar	3	172
2	5	Eastview KT	Thota & Kapur	4	172.8	4	Kapur & Thota	4	172
3	6	Edina JM	Jones & Maynor	4	172.5	13	Jones & Maynor	3	169
4	7	Edina NT	Nissen & Teske	4	170.7	8	Teske & Nissen	3	171
5	9	Eastview GV	Guttipatti & Vij	3	172.0	28	Guttipatti & Vij	1	169
6	10	Eastview CS	Saravanapandi & Chatterjee	3	169.3	18	Chatterjee & Saravanapandi	2	170
7	12	Eastview DZ	Dulla & Zhu	3	167.0	2	Dulla & Zhu	4	173
8	17	Edina ST	Smalley & Tessmer-Tuck	2	168.5	31	Smalley & Tessmer-Tuck	1	162
9	20	Eastview GP	Gouette & Pruidze	2	162.5	32	Gouette & Pruidze	0	158
10	24	Eastview GS	Schlegel & Gupta	1	167.0	14	Gupta & Schlegel	3	168

```
In [46]:  #Creating some new data while still Data Cleaning.
          df3['Win Change'] = df3['Wins_T2'] - df3['Wins_T1']
          df3['Points Change'] = df3['Speaker Points_T2'] - df3['Speaker Points_T
          1']
          df3['Rank Change'] = df3[' Place _T1'] - df3[' Place _T2']
```

```
In [47]:  del df3[' Name _T2']
```

```
In [48]:  #Here I apply a function to my merged dataframe to see improvement amon
          g the debate teams.
          def check_improvement(x,y):
              if (x > 0 and y >= 0) or (x >= 0 and y > 0):
                  return('Yes')
              else:
                  return('No')
```

```
In [49]:  df3['Improvement'] = df3.apply(lambda row: check_improvement(row['Win C
          hange'], row['Points Change']),axis=1)
```

```
In [50]:  #Here's the final result. Not too shabby. This was a really cool projec
          t for me to work on my data science skills
          #while having fun with a dataset that has had a lot of significance in
           my life.
          df3
```

Out[50]:

	Place _T1	Code	Name _T1	Wins_T1	Speaker Points_T1	Place _T2	Wins_T2	Speaker Points_T2	Win Change	P Ch
0	1	Eagan PS	Patel & Scheller	5	173.8	1	5	176.5	0	
1	2	Edina FR	Rewalliwar & Fu	5	167.6	7	3	172.5	-2	
2	5	Eastview KT	Thota & Kapur	4	172.8	4	4	172.0	0	
3	6	Edina JM	Jones & Maynor	4	172.5	13	3	169.0	-1	

	Place _T1	Code	Name _T1	Wins_T1	Speaker Points_T1	Place _T2	Wins_T2	Speaker Points_T2	Win Change	P Ch
4	7	Edina NT	Nissen & Teske	4	170.7	8	3	171.5	-1	
5	9	Eastview GV	Guttipatti & Vij	3	172.0	28	1	169.0	-2	
6	10	Eastview CS	Saravanapandi & Chatterjee	3	169.3	18	2	170.0	-1	
7	12	Eastview DZ	Dulla & Zhu	3	167.0	2	4	173.5	1	
8	17	Edina ST	Smalley & Tessmer-Tuck	2	168.5	31	1	162.0	-1	
9	20	Eastview GP	Gouette & Pruidze	2	162.5	32	0	158.0	-2	
10	24	Eastview GS	Schlegel & Gupta	1	167.0	14	3	168.0	2	

In [ ]:

In [ ]:

In [ ]:

In [ ]:

In [ ]:

In [ ]: