Control Statement Exercises

1. Use a for loop to calculate the factorial of 13, 18, and 1318.

```
In [9]:  # Factorial of 13
         fact = 1
         for idx in range(1, 14):
             fact *= idx
         fact
```

Out[9]: 6227020800

```
In [11]:  # Factorial of 18
          fact = 1
          for idx in range(1, 19):
              fact *= idx
          fact
```

Out[11]: 6402373705728000

```python
# Factorial of 1318
fact = 1
for idx in range(1, 1319):
    fact *= idx
fact
```

Out[12]: 40500340084977775747739258103305457784015282862332191401521610306738278022798124001443483979668910590538817076575295040592309377012928569079725300667903325836004433690968953821843579298555508342951770259069025661650802039438587667480196213474000707725727623115431819043698920641111657311172987814804121259251632696792982522474798138462401127225823753298941308433798144012353547736315957583014215850546659076245827396810093907914366976811683080266785095025383153450221571625269892176597592661926509858812159065113251521642038602749892192016486272570094419676816098278571793491778350371403089649272823862156014226326919996200311806932988496699643289747505617412795644574691303507261776553073055926084459780498609485030415870754632401994341303693672795159989073851438456866275315829189833516137700885713642853369127825428358383094937556355263878825996187245956738260127697064292433255450474892406420395343535803431016565258255714973954781467547688071217776253361319221299574077115027197221160053208009752511372463741953522186550819421031301356258035446937862640164918803926978890568082237014821667747103447948738004590248013358857365170110074611521259925085337243903647556213169239747264614922797475963107450667668292942063659502502776744452104921003380478730709124571520360911505282132628729194895072909324139221897044858193651998383624480594895706668087228124598143936212041625414161156671432827910241873011996067515029915499895354216383916364326519250386060897164104071350568465185131786298038923688940382071387622872759229214158999305234103633653183440830906025391257239616727567364114733828616431447116342113106572833657352508171292653064426647754017257589782386902172680221317419777980001366583276457366332924799961102788406245369753337588719355409874313110475715698513436631195964829585993557226346983319920539579768695973228779003674327244521782948901706771672827864460976851726509160574726741975254324534437113304023467389862806243849075007838765196278264293473036923440295564925665150813913064143277546624468859367659687991882562718118592985228983230333914187191583235953123331861510310271559996748864140582627131753242585451377983571744073632095319687862720934063765472300422738243069057725585971494656671243870722542646656930590910564881938817372135075366583317550579129549197531342563634666566779123837495244388997643728706263421465282021591700092322592770322717663750331660612797917074867236122547538348964517454715164157065934357832231065802910298945614948270207688619734963082910891329093996542011710882545529312429604475101691805618560455288525258500042540219000329064607003155934470537578702794413619166387397930624817813592851699779179764779479924127436879078162894012492605037794545807221587030720899776313791761669567748353079723538400847751970116291312691347675553011322042804183942936030200280364902244911140400374370942701384837576828359225680940955407093953421429020757627001878101463490689632573190722010261827543861407986672622535525062347928556962956066718116310824018220043047114513710521368389149887187350150170638668182903871645113038657247596173996105034351845106053206838756484143784426696359865479349136629258678852085022312499224107818490313248221299358774625883118977394945037644595200

2. Use a while loop to calculate the factorial of 13, 18, and 1318.

```
In [16]: idx = 13
         result = 1
         while idx > 0:
             result *= idx
             idx -= 1
         result
```

Out[16]: 6227020800

```
In [17]: idx = 18
         result = 1
         while idx > 0:
             result *= idx
             idx -= 1
         result
```

Out[17]: 6402373705728000

```
idx = 1318
result = 1
while idx > 0:
    result *= idx
    idx -= 1
result
```

Out[18]: 405003400849777757477392581033054577840152828623321914015216103067382780227981240014434839796689105905388170765752950405923093770129285690797253006679033258360044336909689538218435792985555083429517702590690256616508020394385876674801962134740007077257272623115431819043698920641111657311172987814804121259251632696792982522474798138462401127225823753298941308433798144012353547736315957583014215850546659076245827396810093907914366976811683080266785095025383153450221571625269892176597592661926509858812159065113251521642038602749892192016486272570094419676816098278571793491778350371403089649272823862156014226326919996200311806932988496699643289747505617412795644574691303507261776553073055926084459780498609485030415870754632401994341303693672795159989073851438456866275315829189833516137700885713642853369127825428358383094937556355263878825996187245956738260127697064292433255450474892406420395343535803431016565258255714973954781467547688071217776253361319221299574077115027197221160053208009752511372463741953522186550819421031301356258035446937862640164918803926978890568082237014821667747103447948738004590248013358857365170110074611521259925085337243903647556213169239747264614922797475963107450667668292942063659502502776744452104921003380478730709124571520360911505282132628729194895072909324139221897044858193651989838362448059489570666808722812459814393621204162541416115667143282791024187301199606751502991549989535421638391636432651925038606089716410407135056846518513178629803892368894038207138762287275922921415899930523410363365318344083090602539125723961672756736411473382861643144711634211310657283365735250817129265306442664775401725758978238690217268022131741977798000136658327645736633229247999611027884062453697533375887193554098743131104757156985134366311959648295859933557226346983319920539579768695973228779003674327244521782948901706771672827864460976851726509160574726741975254324534437113304023467389862806243849075007838765196278264293473036923440295564925665150813913064143277546624468593676596879918825627181185929852289832303339141871915832359531233318615103102715599967488641405826271317532425854513779835717440736320953196878627209340637654723004227382430690577255859714946566712438707225426466569305909105648819388173721350753665833175505791295491975313425636346665667791238374952443889976437287062634214652820215917000923225927703227176637503316606127979170748672361225475383489645174547151641570659343578322310658029102989456149482702076886197349630829108913290939965420117108825455293124296044751016918056185604552882525850004254021900032906460700315593447053757870279441361916638739793062481781359285169977917647794799241274368790781628940124926050377945458072215870307208997763137917616695677483530797235384008477519701162913126913476755530113220428041839429360302002803649022449111404003743709427013848375768283592256809409554070939534214290207576270018781014634906896325731907220102618275438614079866726225355250623479285569629560667181163108240182200430471145137105213683891498871873501501706386681829038716451130386572475961739961050343518451060532068387564841437844266963598654793491366292586788520850223124992241078184903132482212993587746258831189773949450376445952000

3. Create a list containing all integers between 1 and 1318 that are multiples of 13 or 18

```
In [2]: result = []
        for idx in range(1319):
            if (idx % 13 == 0) or (idx % 18 == 0):
                result.append(idx)
        str(result)
```

```
Out[2]: '[0, 13, 18, 26, 36, 39, 52, 54, 65, 72, 78, 90, 91, 104, 108, 117, 126, 130, 143, 144, 156, 162, 169, 180, 1
        82, 195, 198, 208, 216, 221, 234, 247, 252, 260, 270, 273, 286, 288, 299, 306, 312, 324, 325, 338, 342, 351,
        360, 364, 377, 378, 390, 396, 403, 414, 416, 429, 432, 442, 450, 455, 468, 481, 486, 494, 504, 507, 520, 522,
        533, 540, 546, 558, 559, 572, 576, 585, 594, 598, 611, 612, 624, 630, 637, 648, 650, 663, 666, 676, 684, 689,
        702, 715, 720, 728, 738, 741, 754, 756, 767, 774, 780, 792, 793, 806, 810, 819, 828, 832, 845, 846, 858, 864,
        871, 882, 884, 897, 900, 910, 918, 923, 936, 949, 954, 962, 972, 975, 988, 990, 1001, 1008, 1014, 1026, 1027,
        1040, 1044, 1053, 1062, 1066, 1079, 1080, 1092, 1098, 1105, 1116, 1118, 1131, 1134, 1144, 1152, 1157, 1170, 1
        183, 1188, 1196, 1206, 1209, 1222, 1224, 1235, 1242, 1248, 1260, 1261, 1274, 1278, 1287, 1296, 1300, 1313, 13
        14]'
```

4. Use a for loop and range() to reverse the letters in "Issaquah Robotics Society". The += operator might also come in handy.

```
In [4]: IRS_str = 'Issaquah Robotics Society'
        result = ''
        for idx in range(len(IRS_str) - 1, -1, -1):
            result += IRS_str[idx]
        result
```

```
Out[4]: 'yteicoS scitoboR hauqassI'
```

5. Use a for loop and to print out all the numbers between 0 and 100, except for numbers that are multiples of 9 (use the continue statement and % operator)

```
In [3]: for idx in range(0, 101):
            if idx % 9 == 0:
                continue
            print(idx, end=', ')
```

```
1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 19, 20, 21, 22, 23, 24, 25, 26, 28, 29, 30, 31, 32, 3
3, 34, 35, 37, 38, 39, 40, 41, 42, 43, 44, 46, 47, 48, 49, 50, 51, 52, 53, 55, 56, 57, 58, 59, 60, 61, 62, 6
4, 65, 66, 67, 68, 69, 70, 71, 73, 74, 75, 76, 77, 78, 79, 80, 82, 83, 84, 85, 86, 87, 88, 89, 91, 92, 93, 9
4, 95, 96, 97, 98, 100,
```

JSON Exercises

Load the JSON Files

```
In [5]: import json
        sched_file = open('sched_turing_2018.json')  # JSON file must be in same folder as jupyter notebook file
        sched_data = json.load(sched_file)
        sched_file.close()

        rank_file = open('rank_turing_2018.json')  # JSON file must be in same folder as jupyter notebook file
        rank_data = json.load(rank_file)
        rank_file.close()
```

1. Analyze the JSON schedule to find all matches with a specific team

```
In [15]:  sched_data_list = sched_data['Schedule']
          team_num = 1318
          print('Matches for team:', team_num)
          for match in sched_data_list:
              match_number = match['matchNumber']
              for team in match['teams']:
                  if team['teamNumber'] == team_num:
                      print(match_number)
```

```
Matches for team: 1318
2
12
24
34
45
64
76
85
91
111
```

```python
In [6]:  # View the JSON data
         sched_data
```

```
Out[6]: {'Schedule': [{'description': 'Qualification 1',
          'field': 'Primary',
          'tournamentLevel': 'Qualification',
          'startTime': '2018-04-19T08:30:00',
          'matchNumber': 1,
          'teams': [{'teamNumber': 3478, 'station': 'Red1', 'surrogate': False},
           {'teamNumber': 2046, 'station': 'Red2', 'surrogate': False},
           {'teamNumber': 7287, 'station': 'Red3', 'surrogate': False},
           {'teamNumber': 5716, 'station': 'Blue1', 'surrogate': False},
           {'teamNumber': 1102, 'station': 'Blue2', 'surrogate': False},
           {'teamNumber': 3593, 'station': 'Blue3', 'surrogate': False}]},
         {'description': 'Qualification 2',
          'field': 'Primary',
          'tournamentLevel': 'Qualification',
          'startTime': '2018-04-19T08:37:00',
          'matchNumber': 2,
          'teams': [{'teamNumber': 1318, 'station': 'Red1', 'surrogate': False},
           {'teamNumber': 6822, 'station': 'Red2', 'surrogate': False},
           {'teamNumber': 4698, 'station': 'Red3', 'surrogate': False},
           {'teamNumber': 2122, 'station': 'Blue1', 'surrogate': False},
           {'teamNumber': 2471, 'station': 'Blue2', 'surrogate': False},
           {'teamNumber': 3847, 'station': 'Blue3', 'surrogate': False}]},
         {'description': 'Qualification 3',
          'field': 'Primary',
          'tournamentLevel': 'Qualification',
          'startTime': '2018-04-19T08:44:00',
          'matchNumber': 3,
          'teams': [{'teamNumber': 1806, 'station': 'Red1', 'surrogate': False},
           {'teamNumber': 364, 'station': 'Red2', 'surrogate': False},
           {'teamNumber': 4561, 'station': 'Red3', 'surrogate': False},
           {'teamNumber': 6952, 'station': 'Blue1', 'surrogate': False},
           {'teamNumber': 7057, 'station': 'Blue2', 'surrogate': False},
           {'teamNumber': 2630, 'station': 'Blue3', 'surrogate': False}]},
         {'description': 'Qualification 4',
          'field': 'Primary',
          'tournamentLevel': 'Qualification',
          'startTime': '2018-04-19T08:51:00',
          'matchNumber': 4,
          'teams': [{'teamNumber': 5045, 'station': 'Red1', 'surrogate': False},
           {'teamNumber': 5449, 'station': 'Red2', 'surrogate': False},
           {'teamNumber': 5908, 'station': 'Red3', 'surrogate': False},
           {'teamNumber': 2231, 'station': 'Blue1', 'surrogate': False},
           {'teamNumber': 3512, 'station': 'Blue2', 'surrogate': False},
```

        {'teamNumber': 120, 'station': 'Blue3', 'surrogate': False}]},
      {'description': 'Qualification 5',
       'field': 'Primary',
       'tournamentLevel': 'Qualification',
       'startTime': '2018-04-19T08:58:00',
       'matchNumber': 5,
       'teams': [{'teamNumber': 6314, 'station': 'Red1', 'surrogate': False},
        {'teamNumber': 5453, 'station': 'Red2', 'surrogate': False},
        {'teamNumber': 4941, 'station': 'Red3', 'surrogate': False},
        {'teamNumber': 987, 'station': 'Blue1', 'surrogate': False},
        {'teamNumber': 2341, 'station': 'Blue2', 'surrogate': False},
        {'teamNumber': 2557, 'station': 'Blue3', 'surrogate': False}]},
      {'description': 'Qualification 6',
       'field': 'Primary',
       'tournamentLevel': 'Qualification',
       'startTime': '2018-04-19T09:05:00',
       'matchNumber': 6,
       'teams': [{'teamNumber': 4189, 'station': 'Red1', 'surrogate': False},
        {'teamNumber': 2102, 'station': 'Red2', 'surrogate': False},
        {'teamNumber': 5468, 'station': 'Red3', 'surrogate': False},
        {'teamNumber': 4984, 'station': 'Blue1', 'surrogate': False},
        {'teamNumber': 5417, 'station': 'Blue2', 'surrogate': False},
        {'teamNumber': 1296, 'station': 'Blue3', 'surrogate': False}]},
      {'description': 'Qualification 7',
       'field': 'Primary',
       'tournamentLevel': 'Qualification',
       'startTime': '2018-04-19T09:12:00',
       'matchNumber': 7,
       'teams': [{'teamNumber': 2637, 'station': 'Red1', 'surrogate': False},
        {'teamNumber': 6131, 'station': 'Red2', 'surrogate': False},
        {'teamNumber': 5584, 'station': 'Red3', 'surrogate': False},
        {'teamNumber': 6445, 'station': 'Blue1', 'surrogate': False},
        {'teamNumber': 3663, 'station': 'Blue2', 'surrogate': False},
        {'teamNumber': 1744, 'station': 'Blue3', 'surrogate': False}]},
      {'description': 'Qualification 8',
       'field': 'Primary',
       'tournamentLevel': 'Qualification',
       'startTime': '2018-04-19T09:19:00',
       'matchNumber': 8,
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        {'teamNumber': 2655, 'station': 'Red2', 'surrogate': False},
        {'teamNumber': 5344, 'station': 'Red3', 'surrogate': False},
        {'teamNumber': 360, 'station': 'Blue1', 'surrogate': False},

   {'teamNumber': 2848, 'station': 'Blue2', 'surrogate': False},
   {'teamNumber': 5986, 'station': 'Blue3', 'surrogate': False}]},
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  'field': 'Primary',
  'tournamentLevel': 'Qualification',
  'startTime': '2018-04-19T09:26:00',
  'matchNumber': 9,
  'teams': [{'teamNumber': 1538, 'station': 'Red1', 'surrogate': False},
   {'teamNumber': 2658, 'station': 'Red2', 'surrogate': False},
   {'teamNumber': 7063, 'station': 'Red3', 'surrogate': False},
   {'teamNumber': 4146, 'station': 'Blue1', 'surrogate': False},
   {'teamNumber': 3218, 'station': 'Blue2', 'surrogate': False},
   {'teamNumber': 2130, 'station': 'Blue3', 'surrogate': False}]},
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  'field': 'Primary',
  'tournamentLevel': 'Qualification',
  'startTime': '2018-04-19T09:33:00',
  'matchNumber': 10,
  'teams': [{'teamNumber': 2478, 'station': 'Red1', 'surrogate': False},
   {'teamNumber': 842, 'station': 'Red2', 'surrogate': False},
   {'teamNumber': 2059, 'station': 'Red3', 'surrogate': False},
   {'teamNumber': 7179, 'station': 'Blue1', 'surrogate': False},
   {'teamNumber': 6941, 'station': 'Blue2', 'surrogate': False},
   {'teamNumber': 7079, 'station': 'Blue3', 'surrogate': False}]},
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  'field': 'Primary',
  'tournamentLevel': 'Qualification',
  'startTime': '2018-04-19T09:40:00',
  'matchNumber': 11,
  'teams': [{'teamNumber': 6888, 'station': 'Red1', 'surrogate': False},
   {'teamNumber': 4627, 'station': 'Red2', 'surrogate': False},
   {'teamNumber': 2642, 'station': 'Red3', 'surrogate': False},
   {'teamNumber': 5818, 'station': 'Blue1', 'surrogate': False},
   {'teamNumber': 5522, 'station': 'Blue2', 'surrogate': False},
   {'teamNumber': 1533, 'station': 'Blue3', 'surrogate': False}]},
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  'field': 'Primary',
  'tournamentLevel': 'Qualification',
  'startTime': '2018-04-19T09:47:00',
  'matchNumber': 12,
  'teams': [{'teamNumber': 4603, 'station': 'Red1', 'surrogate': False},
   {'teamNumber': 1318, 'station': 'Red2', 'surrogate': False},
   {'teamNumber': 7057, 'station': 'Red3', 'surrogate': False},

     {'teamNumber': 5584, 'station': 'Blue1', 'surrogate': False},
     {'teamNumber': 5417, 'station': 'Blue2', 'surrogate': False},
     {'teamNumber': 3478, 'station': 'Blue3', 'surrogate': False}]},
   {'description': 'Qualification 13',
    'field': 'Primary',
    'tournamentLevel': 'Qualification',
    'startTime': '2018-04-19T09:54:00',
    'matchNumber': 13,
    'teams': [{'teamNumber': 3512, 'station': 'Red1', 'surrogate': False},
     {'teamNumber': 6445, 'station': 'Red2', 'surrogate': False},
     {'teamNumber': 2341, 'station': 'Red3', 'surrogate': False},
     {'teamNumber': 2848, 'station': 'Blue1', 'surrogate': False},
     {'teamNumber': 2122, 'station': 'Blue2', 'surrogate': False},
     {'teamNumber': 4189, 'station': 'Blue3', 'surrogate': False}]},
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    'field': 'Primary',
    'tournamentLevel': 'Qualification',
    'startTime': '2018-04-19T10:01:00',
    'matchNumber': 14,
    'teams': [{'teamNumber': 5468, 'station': 'Red1', 'surrogate': False},
     {'teamNumber': 5344, 'station': 'Red2', 'surrogate': False},
     {'teamNumber': 4984, 'station': 'Red3', 'surrogate': False},
     {'teamNumber': 5716, 'station': 'Blue1', 'surrogate': False},
     {'teamNumber': 7287, 'station': 'Blue2', 'surrogate': False},
     {'teamNumber': 7063, 'station': 'Blue3', 'surrogate': False}]},
   {'description': 'Qualification 15',
    'field': 'Primary',
    'tournamentLevel': 'Qualification',
    'startTime': '2018-04-19T10:08:00',
    'matchNumber': 15,
    'teams': [{'teamNumber': 1744, 'station': 'Red1', 'surrogate': False},
     {'teamNumber': 2046, 'station': 'Red2', 'surrogate': False},
     {'teamNumber': 4698, 'station': 'Red3', 'surrogate': False},
     {'teamNumber': 2102, 'station': 'Blue1', 'surrogate': False},
     {'teamNumber': 842, 'station': 'Blue2', 'surrogate': False},
     {'teamNumber': 120, 'station': 'Blue3', 'surrogate': False}]},
   {'description': 'Qualification 16',
    'field': 'Primary',
    'tournamentLevel': 'Qualification',
    'startTime': '2018-04-19T10:15:00',
    'matchNumber': 16,
    'teams': [{'teamNumber': 2658, 'station': 'Red1', 'surrogate': False},
     {'teamNumber': 5045, 'station': 'Red2', 'surrogate': False},

    {'teamNumber': 1533, 'station': 'Red3', 'surrogate': False},
    {'teamNumber': 1806, 'station': 'Blue1', 'surrogate': False},
    {'teamNumber': 6131, 'station': 'Blue2', 'surrogate': False},
    {'teamNumber': 2557, 'station': 'Blue3', 'surrogate': False}]},
  {'description': 'Qualification 17',
   'field': 'Primary',
   'tournamentLevel': 'Qualification',
   'startTime': '2018-04-19T10:22:00',
   'matchNumber': 17,
   'teams': [{'teamNumber': 1102, 'station': 'Red1', 'surrogate': False},
    {'teamNumber': 4941, 'station': 'Red2', 'surrogate': False},
    {'teamNumber': 2637, 'station': 'Red3', 'surrogate': False},
    {'teamNumber': 5986, 'station': 'Blue1', 'surrogate': False},
    {'teamNumber': 6952, 'station': 'Blue2', 'surrogate': False},
    {'teamNumber': 568, 'station': 'Blue3', 'surrogate': False}]},
  {'description': 'Qualification 18',
   'field': 'Primary',
   'tournamentLevel': 'Qualification',
   'startTime': '2018-04-19T10:29:00',
   'matchNumber': 18,
   'teams': [{'teamNumber': 364, 'station': 'Red1', 'surrogate': False},
    {'teamNumber': 1296, 'station': 'Red2', 'surrogate': False},
    {'teamNumber': 6941, 'station': 'Red3', 'surrogate': False},
    {'teamNumber': 2655, 'station': 'Blue1', 'surrogate': False},
    {'teamNumber': 5908, 'station': 'Blue2', 'surrogate': False},
    {'teamNumber': 4603, 'station': 'Blue3', 'surrogate': False}]},
  {'description': 'Qualification 19',
   'field': 'Primary',
   'tournamentLevel': 'Qualification',
   'startTime': '2018-04-19T10:36:00',
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    {'teamNumber': 1102, 'station': 'Blue1', 'surrogate': False},
    {'teamNumber': 1538, 'station': 'Blue2', 'surrogate': False},
    {'teamNumber': 5453, 'station': 'Blue3', 'surrogate': False}]},
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      {'teamNumber': 2642, 'station': 'Blue3', 'surrogate': False}]},
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      {'teamNumber': 6941, 'station': 'Blue2', 'surrogate': False},
      {'teamNumber': 2471, 'station': 'Blue3', 'surrogate': False}]},
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      {'teamNumber': 3218, 'station': 'Red3', 'surrogate': False},
      {'teamNumber': 4627, 'station': 'Blue1', 'surrogate': False},
      {'teamNumber': 6445, 'station': 'Blue2', 'surrogate': False},
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  {'teamNumber': 2341, 'station': 'Blue1', 'surrogate': False},
  {'teamNumber': 5986, 'station': 'Blue2', 'surrogate': False},
  {'teamNumber': 842, 'station': 'Blue3', 'surrogate': False}]},
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  {'teamNumber': 1318, 'station': 'Red3', 'surrogate': False},
  {'teamNumber': 4941, 'station': 'Blue1', 'surrogate': False},
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  {'teamNumber': 5045, 'station': 'Blue3', 'surrogate': False}]},
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  {'teamNumber': 7057, 'station': 'Red3', 'surrogate': False},
  {'teamNumber': 7287, 'station': 'Blue1', 'surrogate': False},
  {'teamNumber': 2231, 'station': 'Blue2', 'surrogate': False},
  {'teamNumber': 2658, 'station': 'Blue3', 'surrogate': False}]},
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  'matchNumber': 66,
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  {'teamNumber': 1806, 'station': 'Red3', 'surrogate': False},
  {'teamNumber': 2655, 'station': 'Blue1', 'surrogate': False},
  {'teamNumber': 6314, 'station': 'Blue2', 'surrogate': False},
  {'teamNumber': 3663, 'station': 'Blue3', 'surrogate': False}]},
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   {'teamNumber': 2478, 'station': 'Red2', 'surrogate': False},
   {'teamNumber': 5453, 'station': 'Red3', 'surrogate': False},
   {'teamNumber': 2046, 'station': 'Blue1', 'surrogate': False},
   {'teamNumber': 2102, 'station': 'Blue2', 'surrogate': False},
   {'teamNumber': 5449, 'station': 'Blue3', 'surrogate': False}]},
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   {'teamNumber': 3593, 'station': 'Red3', 'surrogate': False},
   {'teamNumber': 1296, 'station': 'Blue1', 'surrogate': False},
   {'teamNumber': 2848, 'station': 'Blue2', 'surrogate': False},
   {'teamNumber': 7179, 'station': 'Blue3', 'surrogate': False}]},
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   {'teamNumber': 3512, 'station': 'Red3', 'surrogate': False},
   {'teamNumber': 5344, 'station': 'Blue1', 'surrogate': False},
   {'teamNumber': 2630, 'station': 'Blue2', 'surrogate': False},
   {'teamNumber': 5584, 'station': 'Blue3', 'surrogate': False}]},
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   {'teamNumber': 568, 'station': 'Red3', 'surrogate': False},
   {'teamNumber': 3478, 'station': 'Blue1', 'surrogate': False},
   {'teamNumber': 364, 'station': 'Blue2', 'surrogate': False},
   {'teamNumber': 7079, 'station': 'Blue3', 'surrogate': False}]},
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      {'teamNumber': 5045, 'station': 'Red3', 'surrogate': False},
      {'teamNumber': 1102, 'station': 'Blue1', 'surrogate': False},
      {'teamNumber': 2341, 'station': 'Blue2', 'surrogate': False},
      {'teamNumber': 4984, 'station': 'Blue3', 'surrogate': False}]},
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      {'teamNumber': 5468, 'station': 'Red2', 'surrogate': False},
      {'teamNumber': 4941, 'station': 'Red3', 'surrogate': False},
      {'teamNumber': 2642, 'station': 'Blue1', 'surrogate': False},
      {'teamNumber': 360, 'station': 'Blue2', 'surrogate': False},
      {'teamNumber': 1806, 'station': 'Blue3', 'surrogate': False}]},
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     'startTime': '2018-04-20T10:34:00',
     'matchNumber': 73,
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      {'teamNumber': 5986, 'station': 'Red2', 'surrogate': False},
      {'teamNumber': 4561, 'station': 'Red3', 'surrogate': False},
      {'teamNumber': 5453, 'station': 'Blue1', 'surrogate': False},
      {'teamNumber': 4698, 'station': 'Blue2', 'surrogate': False},
      {'teamNumber': 5908, 'station': 'Blue3', 'surrogate': False}]},
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     'startTime': '2018-04-20T10:41:00',
     'matchNumber': 74,
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      {'teamNumber': 842, 'station': 'Red2', 'surrogate': False},
      {'teamNumber': 987, 'station': 'Red3', 'surrogate': False},
      {'teamNumber': 2658, 'station': 'Blue1', 'surrogate': False},
      {'teamNumber': 5716, 'station': 'Blue2', 'surrogate': False},
      {'teamNumber': 6952, 'station': 'Blue3', 'surrogate': False}]},
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  {'teamNumber': 6822, 'station': 'Red3', 'surrogate': False},
  {'teamNumber': 2557, 'station': 'Blue1', 'surrogate': False},
  {'teamNumber': 7287, 'station': 'Blue2', 'surrogate': False},
  {'teamNumber': 2478, 'station': 'Blue3', 'surrogate': False}]},
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  {'teamNumber': 2655, 'station': 'Red2', 'surrogate': False},
  {'teamNumber': 2059, 'station': 'Red3', 'surrogate': False},
  {'teamNumber': 4627, 'station': 'Blue1', 'surrogate': False},
  {'teamNumber': 4189, 'station': 'Blue2', 'surrogate': False},
  {'teamNumber': 1318, 'station': 'Blue3', 'surrogate': False}]},
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  {'teamNumber': 2122, 'station': 'Red2', 'surrogate': False},
  {'teamNumber': 4603, 'station': 'Red3', 'surrogate': False},
  {'teamNumber': 2046, 'station': 'Blue1', 'surrogate': False},
  {'teamNumber': 2637, 'station': 'Blue2', 'surrogate': False},
  {'teamNumber': 5522, 'station': 'Blue3', 'surrogate': False}]},
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  {'teamNumber': 6314, 'station': 'Red3', 'surrogate': False},
  {'teamNumber': 7057, 'station': 'Blue1', 'surrogate': False},
  {'teamNumber': 5449, 'station': 'Blue2', 'surrogate': False},
  {'teamNumber': 6131, 'station': 'Blue3', 'surrogate': False}]},
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  {'teamNumber': 364, 'station': 'Red3', 'surrogate': False},
  {'teamNumber': 2102, 'station': 'Blue1', 'surrogate': False},
  {'teamNumber': 2471, 'station': 'Blue2', 'surrogate': False},
  {'teamNumber': 5045, 'station': 'Blue3', 'surrogate': False}]},
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  {'teamNumber': 5818, 'station': 'Red3', 'surrogate': False},
  {'teamNumber': 3593, 'station': 'Blue1', 'surrogate': False},
  {'teamNumber': 360, 'station': 'Blue2', 'surrogate': False},
  {'teamNumber': 6445, 'station': 'Blue3', 'surrogate': False}]},
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  {'teamNumber': 5417, 'station': 'Red3', 'surrogate': False},
  {'teamNumber': 568, 'station': 'Blue1', 'surrogate': False},
  {'teamNumber': 5908, 'station': 'Blue2', 'surrogate': False},
  {'teamNumber': 5716, 'station': 'Blue3', 'surrogate': False}]},
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  {'teamNumber': 2848, 'station': 'Red2', 'surrogate': False},
  {'teamNumber': 5584, 'station': 'Red3', 'surrogate': False},
  {'teamNumber': 5468, 'station': 'Blue1', 'surrogate': False},
  {'teamNumber': 4146, 'station': 'Blue2', 'surrogate': False},
  {'teamNumber': 2046, 'station': 'Blue3', 'surrogate': False}]},
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   {'teamNumber': 2655, 'station': 'Blue1', 'surrogate': False},
   {'teamNumber': 7057, 'station': 'Blue2', 'surrogate': False},
   {'teamNumber': 6822, 'station': 'Blue3', 'surrogate': False}]},
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   {'teamNumber': 2637, 'station': 'Red3', 'surrogate': False},
   {'teamNumber': 7079, 'station': 'Blue1', 'surrogate': False},
   {'teamNumber': 2130, 'station': 'Blue2', 'surrogate': False},
   {'teamNumber': 2102, 'station': 'Blue3', 'surrogate': False}]},
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   {'teamNumber': 2231, 'station': 'Red3', 'surrogate': False},
   {'teamNumber': 7063, 'station': 'Blue1', 'surrogate': False},
   {'teamNumber': 2478, 'station': 'Blue2', 'surrogate': False},
   {'teamNumber': 1318, 'station': 'Blue3', 'surrogate': False}]},
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   'matchNumber': 86,
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   {'teamNumber': 4603, 'station': 'Red3', 'surrogate': False},
   {'teamNumber': 1538, 'station': 'Blue1', 'surrogate': False},
   {'teamNumber': 987, 'station': 'Blue2', 'surrogate': False},
   {'teamNumber': 1806, 'station': 'Blue3', 'surrogate': False}]},

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  {'teamNumber': 6941, 'station': 'Red3', 'surrogate': False},
  {'teamNumber': 2122, 'station': 'Blue1', 'surrogate': False},
  {'teamNumber': 6314, 'station': 'Blue2', 'surrogate': False},
  {'teamNumber': 6888, 'station': 'Blue3', 'surrogate': False}]},
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  {'teamNumber': 1744, 'station': 'Red3', 'surrogate': False},
  {'teamNumber': 3218, 'station': 'Blue1', 'surrogate': False},
  {'teamNumber': 3847, 'station': 'Blue2', 'surrogate': False},
  {'teamNumber': 4941, 'station': 'Blue3', 'surrogate': False}]},
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  {'teamNumber': 842, 'station': 'Red3', 'surrogate': False},
  {'teamNumber': 7287, 'station': 'Blue1', 'surrogate': False},
  {'teamNumber': 4189, 'station': 'Blue2', 'surrogate': False},
  {'teamNumber': 2630, 'station': 'Blue3', 'surrogate': False}]},
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  {'teamNumber': 2658, 'station': 'Red3', 'surrogate': False},
  {'teamNumber': 364, 'station': 'Blue1', 'surrogate': False},
  {'teamNumber': 7179, 'station': 'Blue2', 'surrogate': False},

       {'teamNumber': 1102, 'station': 'Blue3', 'surrogate': False}]},
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        {'teamNumber': 5818, 'station': 'Red3', 'surrogate': False},
        {'teamNumber': 1318, 'station': 'Blue1', 'surrogate': False},
        {'teamNumber': 2637, 'station': 'Blue2', 'surrogate': False},
        {'teamNumber': 2341, 'station': 'Blue3', 'surrogate': False}]},
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        {'teamNumber': 6314, 'station': 'Red3', 'surrogate': False},
        {'teamNumber': 6822, 'station': 'Blue1', 'surrogate': False},
        {'teamNumber': 5584, 'station': 'Blue2', 'surrogate': False},
        {'teamNumber': 3512, 'station': 'Blue3', 'surrogate': False}]},
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       'matchNumber': 93,
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        {'teamNumber': 1538, 'station': 'Red3', 'surrogate': False},
        {'teamNumber': 7057, 'station': 'Blue1', 'surrogate': False},
        {'teamNumber': 2046, 'station': 'Blue2', 'surrogate': False},
        {'teamNumber': 6445, 'station': 'Blue3', 'surrogate': False}]},
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       'tournamentLevel': 'Qualification',
       'startTime': '2018-04-20T15:01:00',
       'matchNumber': 94,
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        {'teamNumber': 120, 'station': 'Red3', 'surrogate': False},
        {'teamNumber': 6131, 'station': 'Blue1', 'surrogate': False},

      {'teamNumber': 3478, 'station': 'Blue2', 'surrogate': False},
      {'teamNumber': 5986, 'station': 'Blue3', 'surrogate': False}]},
  {'description': 'Qualification 95',
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   'matchNumber': 95,
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      {'teamNumber': 987, 'station': 'Red3', 'surrogate': False},
      {'teamNumber': 6941, 'station': 'Blue1', 'surrogate': False},
      {'teamNumber': 4627, 'station': 'Blue2', 'surrogate': False},
      {'teamNumber': 2848, 'station': 'Blue3', 'surrogate': False}]},
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   'matchNumber': 96,
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      {'teamNumber': 4984, 'station': 'Red2', 'surrogate': False},
      {'teamNumber': 1533, 'station': 'Red3', 'surrogate': False},
      {'teamNumber': 4561, 'station': 'Blue1', 'surrogate': False},
      {'teamNumber': 568, 'station': 'Blue2', 'surrogate': False},
      {'teamNumber': 842, 'station': 'Blue3', 'surrogate': False}]},
  {'description': 'Qualification 97',
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   'tournamentLevel': 'Qualification',
   'startTime': '2018-04-20T15:22:00',
   'matchNumber': 97,
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      {'teamNumber': 5045, 'station': 'Red2', 'surrogate': False},
      {'teamNumber': 360, 'station': 'Red3', 'surrogate': False},
      {'teamNumber': 7079, 'station': 'Blue1', 'surrogate': False},
      {'teamNumber': 4603, 'station': 'Blue2', 'surrogate': False},
      {'teamNumber': 6888, 'station': 'Blue3', 'surrogate': False}]},
  {'description': 'Qualification 98',
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   'tournamentLevel': 'Qualification',
   'startTime': '2018-04-20T15:29:00',
   'matchNumber': 98,
   'teams': [{'teamNumber': 5417, 'station': 'Red1', 'surrogate': False},
      {'teamNumber': 2471, 'station': 'Red2', 'surrogate': False},
      {'teamNumber': 7179, 'station': 'Red3', 'surrogate': False},

       {'teamNumber': 4146, 'station': 'Blue1', 'surrogate': False},
       {'teamNumber': 4941, 'station': 'Blue2', 'surrogate': False},
       {'teamNumber': 7287, 'station': 'Blue3', 'surrogate': False}]},
     {'description': 'Qualification 99',
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      'tournamentLevel': 'Qualification',
      'startTime': '2018-04-20T15:36:00',
      'matchNumber': 99,
      'teams': [{'teamNumber': 2059, 'station': 'Red1', 'surrogate': False},
       {'teamNumber': 3663, 'station': 'Red2', 'surrogate': False},
       {'teamNumber': 6952, 'station': 'Red3', 'surrogate': False},
       {'teamNumber': 5449, 'station': 'Blue1', 'surrogate': False},
       {'teamNumber': 2642, 'station': 'Blue2', 'surrogate': False},
       {'teamNumber': 7063, 'station': 'Blue3', 'surrogate': False}]},
     {'description': 'Qualification 100',
      'field': 'Primary',
      'tournamentLevel': 'Qualification',
      'startTime': '2018-04-20T15:43:00',
      'matchNumber': 100,
      'teams': [{'teamNumber': 4698, 'station': 'Red1', 'surrogate': False},
       {'teamNumber': 2630, 'station': 'Red2', 'surrogate': False},
       {'teamNumber': 2130, 'station': 'Red3', 'surrogate': False},
       {'teamNumber': 5522, 'station': 'Blue1', 'surrogate': False},
       {'teamNumber': 3593, 'station': 'Blue2', 'surrogate': False},
       {'teamNumber': 2655, 'station': 'Blue3', 'surrogate': False}]},
     {'description': 'Qualification 101',
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      'tournamentLevel': 'Qualification',
      'startTime': '2018-04-20T15:50:00',
      'matchNumber': 101,
      'teams': [{'teamNumber': 1296, 'station': 'Red1', 'surrogate': False},
       {'teamNumber': 5453, 'station': 'Red2', 'surrogate': False},
       {'teamNumber': 3478, 'station': 'Red3', 'surrogate': False},
       {'teamNumber': 1744, 'station': 'Blue1', 'surrogate': False},
       {'teamNumber': 2658, 'station': 'Blue2', 'surrogate': False},
       {'teamNumber': 5344, 'station': 'Blue3', 'surrogate': False}]},
     {'description': 'Qualification 102',
      'field': 'Primary',
      'tournamentLevel': 'Qualification',
      'startTime': '2018-04-20T15:57:00',
      'matchNumber': 102,
      'teams': [{'teamNumber': 6822, 'station': 'Red1', 'surrogate': False},
       {'teamNumber': 1533, 'station': 'Red2', 'surrogate': False},

    {'teamNumber': 120, 'station': 'Red3', 'surrogate': False},
    {'teamNumber': 7079, 'station': 'Blue1', 'surrogate': False},
    {'teamNumber': 5468, 'station': 'Blue2', 'surrogate': False},
    {'teamNumber': 2341, 'station': 'Blue3', 'surrogate': False}]},
  {'description': 'Qualification 103',
   'field': 'Primary',
   'tournamentLevel': 'Qualification',
   'startTime': '2018-04-20T16:04:00',
   'matchNumber': 103,
   'teams': [{'teamNumber': 5045, 'station': 'Red1', 'surrogate': False},
    {'teamNumber': 568, 'station': 'Red2', 'surrogate': False},
    {'teamNumber': 5417, 'station': 'Red3', 'surrogate': False},
    {'teamNumber': 6314, 'station': 'Blue1', 'surrogate': False},
    {'teamNumber': 1538, 'station': 'Blue2', 'surrogate': False},
    {'teamNumber': 2478, 'station': 'Blue3', 'surrogate': False}]},
  {'description': 'Qualification 104',
   'field': 'Primary',
   'tournamentLevel': 'Qualification',
   'startTime': '2018-04-20T16:11:00',
   'matchNumber': 104,
   'teams': [{'teamNumber': 2642, 'station': 'Red1', 'surrogate': False},
    {'teamNumber': 2557, 'station': 'Red2', 'surrogate': False},
    {'teamNumber': 2122, 'station': 'Red3', 'surrogate': False},
    {'teamNumber': 5584, 'station': 'Blue1', 'surrogate': False},
    {'teamNumber': 5449, 'station': 'Blue2', 'surrogate': False},
    {'teamNumber': 364, 'station': 'Blue3', 'surrogate': False}]},
  {'description': 'Qualification 105',
   'field': 'Primary',
   'tournamentLevel': 'Qualification',
   'startTime': '2018-04-20T16:18:00',
   'matchNumber': 105,
   'teams': [{'teamNumber': 7063, 'station': 'Red1', 'surrogate': False},
    {'teamNumber': 4627, 'station': 'Red2', 'surrogate': False},
    {'teamNumber': 2655, 'station': 'Red3', 'surrogate': False},
    {'teamNumber': 842, 'station': 'Blue1', 'surrogate': False},
    {'teamNumber': 4941, 'station': 'Blue2', 'surrogate': False},
    {'teamNumber': 2046, 'station': 'Blue3', 'surrogate': False}]},
  {'description': 'Qualification 106',
   'field': 'Primary',
   'tournamentLevel': 'Qualification',
   'startTime': '2018-04-20T16:25:00',
   'matchNumber': 106,
   'teams': [{'teamNumber': 2471, 'station': 'Red1', 'surrogate': False},

    {'teamNumber': 2637, 'station': 'Red2', 'surrogate': False},
    {'teamNumber': 6888, 'station': 'Red3', 'surrogate': False},
    {'teamNumber': 3218, 'station': 'Blue1', 'surrogate': False},
    {'teamNumber': 5453, 'station': 'Blue2', 'surrogate': False},
    {'teamNumber': 2848, 'station': 'Blue3', 'surrogate': False}]},
 {'description': 'Qualification 107',
  'field': 'Primary',
  'tournamentLevel': 'Qualification',
  'startTime': '2018-04-20T16:32:00',
  'matchNumber': 107,
  'teams': [{'teamNumber': 6941, 'station': 'Red1', 'surrogate': False},
    {'teamNumber': 1744, 'station': 'Red2', 'surrogate': False},
    {'teamNumber': 4146, 'station': 'Red3', 'surrogate': False},
    {'teamNumber': 4189, 'station': 'Blue1', 'surrogate': False},
    {'teamNumber': 5818, 'station': 'Blue2', 'surrogate': False},
    {'teamNumber': 7057, 'station': 'Blue3', 'surrogate': False}]},
 {'description': 'Qualification 108',
  'field': 'Primary',
  'tournamentLevel': 'Qualification',
  'startTime': '2018-04-20T16:39:00',
  'matchNumber': 108,
  'teams': [{'teamNumber': 7287, 'station': 'Red1', 'surrogate': False},
    {'teamNumber': 4698, 'station': 'Red2', 'surrogate': False},
    {'teamNumber': 2059, 'station': 'Red3', 'surrogate': False},
    {'teamNumber': 3512, 'station': 'Blue1', 'surrogate': False},
    {'teamNumber': 1806, 'station': 'Blue2', 'surrogate': False},
    {'teamNumber': 1296, 'station': 'Blue3', 'surrogate': False}]},
 {'description': 'Qualification 109',
  'field': 'Primary',
  'tournamentLevel': 'Qualification',
  'startTime': '2018-04-20T16:46:00',
  'matchNumber': 109,
  'teams': [{'teamNumber': 5908, 'station': 'Red1', 'surrogate': False},
    {'teamNumber': 1102, 'station': 'Red2', 'surrogate': False},
    {'teamNumber': 360, 'station': 'Red3', 'surrogate': False},
    {'teamNumber': 3847, 'station': 'Blue1', 'surrogate': False},
    {'teamNumber': 3593, 'station': 'Blue2', 'surrogate': False},
    {'teamNumber': 2630, 'station': 'Blue3', 'surrogate': False}]},
 {'description': 'Qualification 110',
  'field': 'Primary',
  'tournamentLevel': 'Qualification',
  'startTime': '2018-04-20T16:53:00',
  'matchNumber': 110,

'teams': [{'teamNumber': 2130, 'station': 'Red1', 'surrogate': False},
 {'teamNumber': 5986, 'station': 'Red2', 'surrogate': False},
 {'teamNumber': 6445, 'station': 'Red3', 'surrogate': False},
 {'teamNumber': 4984, 'station': 'Blue1', 'surrogate': False},
 {'teamNumber': 987, 'station': 'Blue2', 'surrogate': False},
 {'teamNumber': 2231, 'station': 'Blue3', 'surrogate': False}]},
{'description': 'Qualification 111',
 'field': 'Primary',
 'tournamentLevel': 'Qualification',
 'startTime': '2018-04-20T17:00:00',
 'matchNumber': 111,
 'teams': [{'teamNumber': 7179, 'station': 'Red1', 'surrogate': False},
 {'teamNumber': 6952, 'station': 'Red2', 'surrogate': False},
 {'teamNumber': 5522, 'station': 'Red3', 'surrogate': False},
 {'teamNumber': 6131, 'station': 'Blue1', 'surrogate': False},
 {'teamNumber': 1318, 'station': 'Blue2', 'surrogate': False},
 {'teamNumber': 2102, 'station': 'Blue3', 'surrogate': False}]},
{'description': 'Qualification 112',
 'field': 'Primary',
 'tournamentLevel': 'Qualification',
 'startTime': '2018-04-20T17:07:00',
 'matchNumber': 112,
 'teams': [{'teamNumber': 4561, 'station': 'Red1', 'surrogate': False},
 {'teamNumber': 4603, 'station': 'Red2', 'surrogate': False},
 {'teamNumber': 2848, 'station': 'Red3', 'surrogate': False},
 {'teamNumber': 5716, 'station': 'Blue1', 'surrogate': False},
 {'teamNumber': 3663, 'station': 'Blue2', 'surrogate': False},
 {'teamNumber': 842, 'station': 'Blue3', 'surrogate': False}]}]}

2. Analyze the JSON schedule to find a match where two specified teams play each other.

```
In [28]:  sched_data_list = sched_data['Schedule']
          team1 = 1318
          team2 = 2471
          common_match = None
          for mtch in sched_data_list:
              tm1_in_match = False
              tm2_in_match = False
              for tm in mtch['teams']:
                  if tm['teamNumber'] == team1:
                      tm1_in_match = True
                  elif tm['teamNumber'] == team2:
                      tm2_in_match = True
              if tm1_in_match and tm2_in_match:
                  common_match = mtch['matchNumber']
                  print(mtch['matchNumber'])
          if not common_match:
              print(team1, 'and', team2, 'did not play each other.')
```

2

3. Loop through the JSON rankings to find the team with the highest score in sortOrder3

```python
# View the JSON data
rank_data
```

```
Out[16]: {'Rankings': [{'rank': 1,
              'teamNumber': 2557,
              'sortOrder1': 3.1,
              'sortOrder2': 820.0,
              'sortOrder3': 358.0,
              'sortOrder4': 2368.0,
              'sortOrder5': 290.0,
              'sortOrder6': 0.0,
              'wins': 7,
              'losses': 3,
              'ties': 0,
              'qualAverage': 379.8,
              'dq': 0,
              'matchesPlayed': 10},
             {'rank': 2,
              'teamNumber': 1806,
              'sortOrder1': 3.1,
              'sortOrder2': 745.0,
              'sortOrder3': 417.0,
              'sortOrder4': 2676.0,
              'sortOrder5': 330.0,
              'sortOrder6': 0.0,
              'wins': 9,
              'losses': 1,
              'ties': 0,
              'qualAverage': 414.6,
              'dq': 0,
              'matchesPlayed': 10},
             {'rank': 3,
              'teamNumber': 987,
              'sortOrder1': 3.0,
              'sortOrder2': 850.0,
              'sortOrder3': 372.0,
              'sortOrder4': 2515.0,
              'sortOrder5': 360.0,
              'sortOrder6': 0.0,
              'wins': 7,
              'losses': 3,
              'ties': 0,
              'qualAverage': 405.0,
              'dq': 0,
              'matchesPlayed': 10},
             {'rank': 4,
```

 'teamNumber': 2102,
 'sortOrder1': 3.0,
 'sortOrder2': 605.0,
 'sortOrder3': 400.0,
 'sortOrder4': 2583.0,
 'sortOrder5': 295.0,
 'sortOrder6': 0.0,
 'wins': 8,
 'losses': 2,
 'ties': 0,
 'qualAverage': 384.3,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 5,
 'teamNumber': 3512,
 'sortOrder1': 2.9,
 'sortOrder2': 735.0,
 'sortOrder3': 392.0,
 'sortOrder4': 2440.0,
 'sortOrder5': 350.0,
 'sortOrder6': 0.0,
 'wins': 8,
 'losses': 2,
 'ties': 0,
 'qualAverage': 446.0,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 6,
 'teamNumber': 1538,
 'sortOrder1': 2.9,
 'sortOrder2': 660.0,
 'sortOrder3': 337.0,
 'sortOrder4': 2336.0,
 'sortOrder5': 355.0,
 'sortOrder6': 0.0,
 'wins': 9,
 'losses': 1,
 'ties': 0,
 'qualAverage': 388.6,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 7,
 'teamNumber': 842,

  'sortOrder1': 2.9,
  'sortOrder2': 560.0,
  'sortOrder3': 470.0,
  'sortOrder4': 3034.0,
  'sortOrder5': 340.0,
  'sortOrder6': 0.0,
  'wins': 10,
  'losses': 0,
  'ties': 0,
  'qualAverage': 426.9,
  'dq': 0,
  'matchesPlayed': 10},
{'rank': 8,
  'teamNumber': 2122,
  'sortOrder1': 2.8,
  'sortOrder2': 775.0,
  'sortOrder3': 359.0,
  'sortOrder4': 2306.0,
  'sortOrder5': 340.0,
  'sortOrder6': 0.0,
  'wins': 7,
  'losses': 3,
  'ties': 0,
  'qualAverage': 375.1,
  'dq': 0,
  'matchesPlayed': 10},
{'rank': 9,
  'teamNumber': 5818,
  'sortOrder1': 2.8,
  'sortOrder2': 705.0,
  'sortOrder3': 427.0,
  'sortOrder4': 2395.0,
  'sortOrder5': 290.0,
  'sortOrder6': 0.0,
  'wins': 7,
  'losses': 3,
  'ties': 0,
  'qualAverage': 365.0,
  'dq': 0,
  'matchesPlayed': 10},
{'rank': 10,
  'teamNumber': 1533,
  'sortOrder1': 2.8,

```
 'sortOrder2': 705.0,
 'sortOrder3': 363.0,
 'sortOrder4': 2340.0,
 'sortOrder5': 340.0,
 'sortOrder6': 0.0,
 'wins': 7,
 'losses': 3,
 'ties': 0,
 'qualAverage': 375.5,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 11,
 'teamNumber': 3847,
 'sortOrder1': 2.8,
 'sortOrder2': 605.0,
 'sortOrder3': 388.0,
 'sortOrder4': 2245.0,
 'sortOrder5': 330.0,
 'sortOrder6': 0.0,
 'wins': 8,
 'losses': 2,
 'ties': 0,
 'qualAverage': 343.5,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 12,
 'teamNumber': 4146,
 'sortOrder1': 2.7,
 'sortOrder2': 630.0,
 'sortOrder3': 290.0,
 'sortOrder4': 2323.0,
 'sortOrder5': 300.0,
 'sortOrder6': 0.0,
 'wins': 8,
 'losses': 2,
 'ties': 0,
 'qualAverage': 353.3,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 13,
 'teamNumber': 3478,
 'sortOrder1': 2.7,
 'sortOrder2': 625.0,
```

 'sortOrder3': 410.0,
 'sortOrder4': 2733.0,
 'sortOrder5': 300.0,
 'sortOrder6': 0.0,
 'wins': 8,
 'losses': 2,
 'ties': 0,
 'qualAverage': 393.3,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 14,
 'teamNumber': 2471,
 'sortOrder1': 2.6,
 'sortOrder2': 675.0,
 'sortOrder3': 436.0,
 'sortOrder4': 2499.0,
 'sortOrder5': 285.0,
 'sortOrder6': 0.0,
 'wins': 6,
 'losses': 4,
 'ties': 0,
 'qualAverage': 374.9,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 15,
 'teamNumber': 2231,
 'sortOrder1': 2.6,
 'sortOrder2': 525.0,
 'sortOrder3': 380.0,
 'sortOrder4': 2312.0,
 'sortOrder5': 290.0,
 'sortOrder6': 0.0,
 'wins': 7,
 'losses': 3,
 'ties': 0,
 'qualAverage': 335.2,
 'dq': 0,
 'matchesPlayed': 10},
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 'teamNumber': 1318,
 'sortOrder1': 2.5,
 'sortOrder2': 670.0,
 'sortOrder3': 365.0,

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 'sortOrder4': 2201.0,
 'sortOrder5': 280.0,
 'sortOrder6': 0.0,
 'wins': 7,
 'losses': 3,
 'ties': 0,
 'qualAverage': 362.1,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 17,
 'teamNumber': 2630,
 'sortOrder1': 2.5,
 'sortOrder2': 635.0,
 'sortOrder3': 353.0,
 'sortOrder4': 2091.0,
 'sortOrder5': 255.0,
 'sortOrder6': 0.0,
 'wins': 6,
 'losses': 4,
 'ties': 0,
 'qualAverage': 333.1,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 18,
 'teamNumber': 3663,
 'sortOrder1': 2.5,
 'sortOrder2': 580.0,
 'sortOrder3': 392.0,
 'sortOrder4': 2328.0,
 'sortOrder5': 345.0,
 'sortOrder6': 0.0,
 'wins': 7,
 'losses': 3,
 'ties': 0,
 'qualAverage': 355.8,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 19,
 'teamNumber': 5584,
 'sortOrder1': 2.4,
 'sortOrder2': 695.0,
 'sortOrder3': 394.0,
 'sortOrder4': 2267.0,
```

 'sortOrder5': 285.0,
 'sortOrder6': 0.0,
 'wins': 5,
 'losses': 5,
 'ties': 0,
 'qualAverage': 349.7,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 20,
 'teamNumber': 2478,
 'sortOrder1': 2.4,
 'sortOrder2': 600.0,
 'sortOrder3': 361.0,
 'sortOrder4': 2425.0,
 'sortOrder5': 350.0,
 'sortOrder6': 0.0,
 'wins': 7,
 'losses': 3,
 'ties': 0,
 'qualAverage': 380.0,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 21,
 'teamNumber': 2059,
 'sortOrder1': 2.4,
 'sortOrder2': 480.0,
 'sortOrder3': 412.0,
 'sortOrder4': 2473.0,
 'sortOrder5': 380.0,
 'sortOrder6': 0.0,
 'wins': 7,
 'losses': 3,
 'ties': 0,
 'qualAverage': 367.8,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 22,
 'teamNumber': 6131,
 'sortOrder1': 2.3,
 'sortOrder2': 660.0,
 'sortOrder3': 308.0,
 'sortOrder4': 2123.0,
 'sortOrder5': 255.0,

 'sortOrder6': 0.0,
 'wins': 6,
 'losses': 4,
 'ties': 0,
 'qualAverage': 341.8,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 23,
 'teamNumber': 364,
 'sortOrder1': 2.3,
 'sortOrder2': 625.0,
 'sortOrder3': 344.0,
 'sortOrder4': 2456.0,
 'sortOrder5': 350.0,
 'sortOrder6': 0.0,
 'wins': 7,
 'losses': 3,
 'ties': 0,
 'qualAverage': 370.1,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 24,
 'teamNumber': 4189,
 'sortOrder1': 2.3,
 'sortOrder2': 510.0,
 'sortOrder3': 408.0,
 'sortOrder4': 2094.0,
 'sortOrder5': 295.0,
 'sortOrder6': 0.0,
 'wins': 6,
 'losses': 4,
 'ties': 0,
 'qualAverage': 328.9,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 25,
 'teamNumber': 2642,
 'sortOrder1': 2.2,
 'sortOrder2': 665.0,
 'sortOrder3': 354.0,
 'sortOrder4': 2396.0,
 'sortOrder5': 310.0,
 'sortOrder6': 0.0,

```
 'wins': 6,
 'losses': 4,
 'ties': 0,
 'qualAverage': 362.5,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 26,
 'teamNumber': 120,
 'sortOrder1': 2.2,
 'sortOrder2': 610.0,
 'sortOrder3': 365.0,
 'sortOrder4': 2228.0,
 'sortOrder5': 375.0,
 'sortOrder6': 0.0,
 'wins': 6,
 'losses': 4,
 'ties': 0,
 'qualAverage': 358.8,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 27,
 'teamNumber': 4561,
 'sortOrder1': 2.2,
 'sortOrder2': 530.0,
 'sortOrder3': 322.0,
 'sortOrder4': 2310.0,
 'sortOrder5': 275.0,
 'sortOrder6': 0.0,
 'wins': 7,
 'losses': 3,
 'ties': 0,
 'qualAverage': 340.0,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 28,
 'teamNumber': 3218,
 'sortOrder1': 2.2,
 'sortOrder2': 520.0,
 'sortOrder3': 310.0,
 'sortOrder4': 1780.0,
 'sortOrder5': 330.0,
 'sortOrder6': 0.0,
 'wins': 6,
```

```
 'losses': 4,
 'ties': 0,
 'qualAverage': 310.5,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 29,
 'teamNumber': 5045,
 'sortOrder1': 2.1,
 'sortOrder2': 620.0,
 'sortOrder3': 355.0,
 'sortOrder4': 1990.0,
 'sortOrder5': 330.0,
 'sortOrder6': 0.0,
 'wins': 5,
 'losses': 5,
 'ties': 0,
 'qualAverage': 314.5,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 30,
 'teamNumber': 2130,
 'sortOrder1': 2.0,
 'sortOrder2': 580.0,
 'sortOrder3': 316.0,
 'sortOrder4': 2013.0,
 'sortOrder5': 305.0,
 'sortOrder6': 0.0,
 'wins': 5,
 'losses': 5,
 'ties': 0,
 'qualAverage': 308.8,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 31,
 'teamNumber': 5986,
 'sortOrder1': 2.0,
 'sortOrder2': 500.0,
 'sortOrder3': 349.0,
 'sortOrder4': 2222.0,
 'sortOrder5': 275.0,
 'sortOrder6': 0.0,
 'wins': 6,
 'losses': 4,
```

 'ties': 0,
 'qualAverage': 325.7,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 32,
 'teamNumber': 2341,
 'sortOrder1': 1.9,
 'sortOrder2': 610.0,
 'sortOrder3': 302.0,
 'sortOrder4': 1948.0,
 'sortOrder5': 330.0,
 'sortOrder6': 0.0,
 'wins': 5,
 'losses': 5,
 'ties': 0,
 'qualAverage': 330.8,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 33,
 'teamNumber': 6952,
 'sortOrder1': 1.9,
 'sortOrder2': 580.0,
 'sortOrder3': 325.0,
 'sortOrder4': 1824.0,
 'sortOrder5': 300.0,
 'sortOrder6': 0.0,
 'wins': 5,
 'losses': 5,
 'ties': 0,
 'qualAverage': 301.9,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 34,
 'teamNumber': 360,
 'sortOrder1': 1.9,
 'sortOrder2': 495.0,
 'sortOrder3': 365.0,
 'sortOrder4': 2114.0,
 'sortOrder5': 275.0,
 'sortOrder6': 0.0,
 'wins': 4,
 'losses': 6,
 'ties': 0,

```
 'qualAverage': 314.4,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 35,
 'teamNumber': 2848,
 'sortOrder1': 1.9,
 'sortOrder2': 475.0,
 'sortOrder3': 404.0,
 'sortOrder4': 2042.0,
 'sortOrder5': 325.0,
 'sortOrder6': 0.0,
 'wins': 4,
 'losses': 6,
 'ties': 0,
 'qualAverage': 314.7,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 36,
 'teamNumber': 6941,
 'sortOrder1': 1.9,
 'sortOrder2': 435.0,
 'sortOrder3': 388.0,
 'sortOrder4': 1778.0,
 'sortOrder5': 265.0,
 'sortOrder6': 0.0,
 'wins': 5,
 'losses': 5,
 'ties': 0,
 'qualAverage': 284.3,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 37,
 'teamNumber': 4984,
 'sortOrder1': 1.8,
 'sortOrder2': 685.0,
 'sortOrder3': 282.0,
 'sortOrder4': 1664.0,
 'sortOrder5': 370.0,
 'sortOrder6': 0.0,
 'wins': 4,
 'losses': 6,
 'ties': 0,
 'qualAverage': 295.4,
```

     'dq': 0,
     'matchesPlayed': 10},
    {'rank': 38,
     'teamNumber': 7179,
     'sortOrder1': 1.8,
     'sortOrder2': 645.0,
     'sortOrder3': 306.0,
     'sortOrder4': 1926.0,
     'sortOrder5': 360.0,
     'sortOrder6': 0.0,
     'wins': 4,
     'losses': 6,
     'ties': 0,
     'qualAverage': 319.6,
     'dq': 0,
     'matchesPlayed': 10},
    {'rank': 39,
     'teamNumber': 6314,
     'sortOrder1': 1.8,
     'sortOrder2': 540.0,
     'sortOrder3': 324.0,
     'sortOrder4': 1771.0,
     'sortOrder5': 180.0,
     'sortOrder6': 0.0,
     'wins': 4,
     'losses': 6,
     'ties': 0,
     'qualAverage': 284.6,
     'dq': 0,
     'matchesPlayed': 10},
    {'rank': 40,
     'teamNumber': 5417,
     'sortOrder1': 1.8,
     'sortOrder2': 515.0,
     'sortOrder3': 296.0,
     'sortOrder4': 1666.0,
     'sortOrder5': 265.0,
     'sortOrder6': 0.0,
     'wins': 4,
     'losses': 6,
     'ties': 0,
     'qualAverage': 281.6,
     'dq': 0,

    'matchesPlayed': 10},
   {'rank': 41,
    'teamNumber': 2046,
    'sortOrder1': 1.8,
    'sortOrder2': 475.0,
    'sortOrder3': 370.0,
    'sortOrder4': 2599.0,
    'sortOrder5': 370.0,
    'sortOrder6': 0.0,
    'wins': 6,
    'losses': 4,
    'ties': 0,
    'qualAverage': 435.9,
    'dq': 0,
    'matchesPlayed': 10},
   {'rank': 42,
    'teamNumber': 4698,
    'sortOrder1': 1.7,
    'sortOrder2': 630.0,
    'sortOrder3': 306.0,
    'sortOrder4': 1871.0,
    'sortOrder5': 315.0,
    'sortOrder6': 0.0,
    'wins': 3,
    'losses': 7,
    'ties': 0,
    'qualAverage': 306.6,
    'dq': 0,
    'matchesPlayed': 10},
   {'rank': 43,
    'teamNumber': 5344,
    'sortOrder1': 1.7,
    'sortOrder2': 595.0,
    'sortOrder3': 317.0,
    'sortOrder4': 1922.0,
    'sortOrder5': 385.0,
    'sortOrder6': 0.0,
    'wins': 3,
    'losses': 7,
    'ties': 0,
    'qualAverage': 318.2,
    'dq': 0,
    'matchesPlayed': 10},

```
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 'teamNumber': 7287,
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 'sortOrder2': 585.0,
 'sortOrder3': 414.0,
 'sortOrder4': 2073.0,
 'sortOrder5': 360.0,
 'sortOrder6': 0.0,
 'wins': 3,
 'losses': 7,
 'ties': 0,
 'qualAverage': 335.3,
 'dq': 0,
 'matchesPlayed': 10},
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 'teamNumber': 1296,
 'sortOrder1': 1.7,
 'sortOrder2': 495.0,
 'sortOrder3': 382.0,
 'sortOrder4': 2054.0,
 'sortOrder5': 300.0,
 'sortOrder6': 0.0,
 'wins': 4,
 'losses': 6,
 'ties': 0,
 'qualAverage': 310.4,
 'dq': 0,
 'matchesPlayed': 10},
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 'teamNumber': 5453,
 'sortOrder1': 1.7,
 'sortOrder2': 485.0,
 'sortOrder3': 349.0,
 'sortOrder4': 2115.0,
 'sortOrder5': 320.0,
 'sortOrder6': 0.0,
 'wins': 5,
 'losses': 5,
 'ties': 0,
 'qualAverage': 328.0,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 47,
```

'teamNumber': 6822,
 'sortOrder1': 1.7,
 'sortOrder2': 465.0,
 'sortOrder3': 298.0,
 'sortOrder4': 1508.0,
 'sortOrder5': 300.0,
 'sortOrder6': 0.0,
 'wins': 4,
 'losses': 6,
 'ties': 0,
 'qualAverage': 261.3,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 48,
 'teamNumber': 5449,
 'sortOrder1': 1.7,
 'sortOrder2': 390.0,
 'sortOrder3': 383.0,
 'sortOrder4': 2108.0,
 'sortOrder5': 190.0,
 'sortOrder6': 0.0,
 'wins': 4,
 'losses': 6,
 'ties': 0,
 'qualAverage': 290.8,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 49,
 'teamNumber': 1102,
 'sortOrder1': 1.6,
 'sortOrder2': 660.0,
 'sortOrder3': 303.0,
 'sortOrder4': 1886.0,
 'sortOrder5': 320.0,
 'sortOrder6': 0.0,
 'wins': 4,
 'losses': 6,
 'ties': 0,
 'qualAverage': 323.6,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 50,
 'teamNumber': 2658,

    'sortOrder1': 1.6,
    'sortOrder2': 535.0,
    'sortOrder3': 323.0,
    'sortOrder4': 1850.0,
    'sortOrder5': 345.0,
    'sortOrder6': 0.0,
    'wins': 4,
    'losses': 6,
    'ties': 0,
    'qualAverage': 303.5,
    'dq': 0,
    'matchesPlayed': 10},
   {'rank': 51,
    'teamNumber': 1744,
    'sortOrder1': 1.6,
    'sortOrder2': 370.0,
    'sortOrder3': 336.0,
    'sortOrder4': 1978.0,
    'sortOrder5': 205.0,
    'sortOrder6': 0.0,
    'wins': 3,
    'losses': 7,
    'ties': 0,
    'qualAverage': 286.3,
    'dq': 0,
    'matchesPlayed': 10},
   {'rank': 52,
    'teamNumber': 7079,
    'sortOrder1': 1.5,
    'sortOrder2': 620.0,
    'sortOrder3': 290.0,
    'sortOrder4': 1609.0,
    'sortOrder5': 295.0,
    'sortOrder6': 0.0,
    'wins': 2,
    'losses': 8,
    'ties': 0,
    'qualAverage': 275.9,
    'dq': 0,
    'matchesPlayed': 10},
   {'rank': 53,
    'teamNumber': 5522,
    'sortOrder1': 1.5,

      'sortOrder2': 505.0,
      'sortOrder3': 308.0,
      'sortOrder4': 1926.0,
      'sortOrder5': 340.0,
      'sortOrder6': 0.0,
      'wins': 4,
      'losses': 6,
      'ties': 0,
      'qualAverage': 316.6,
      'dq': 0,
      'matchesPlayed': 10},
     {'rank': 54,
      'teamNumber': 568,
      'sortOrder1': 1.5,
      'sortOrder2': 505.0,
      'sortOrder3': 267.0,
      'sortOrder4': 1535.0,
      'sortOrder5': 230.0,
      'sortOrder6': 0.0,
      'wins': 4,
      'losses': 5,
      'ties': 0,
      'qualAverage': 306.5,
      'dq': 1,
      'matchesPlayed': 10},
     {'rank': 55,
      'teamNumber': 2655,
      'sortOrder1': 1.5,
      'sortOrder2': 450.0,
      'sortOrder3': 396.0,
      'sortOrder4': 1686.0,
      'sortOrder5': 340.0,
      'sortOrder6': 0.0,
      'wins': 2,
      'losses': 8,
      'ties': 0,
      'qualAverage': 284.1,
      'dq': 0,
      'matchesPlayed': 10},
     {'rank': 56,
      'teamNumber': 5468,
      'sortOrder1': 1.5,
      'sortOrder2': 300.0,

 'sortOrder3': 351.0,
 'sortOrder4': 1775.0,
 'sortOrder5': 310.0,
 'sortOrder6': 0.0,
 'wins': 3,
 'losses': 7,
 'ties': 0,
 'qualAverage': 268.5,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 57,
 'teamNumber': 4603,
 'sortOrder1': 1.4,
 'sortOrder2': 525.0,
 'sortOrder3': 320.0,
 'sortOrder4': 1781.0,
 'sortOrder5': 380.0,
 'sortOrder6': 0.0,
 'wins': 3,
 'losses': 7,
 'ties': 0,
 'qualAverage': 298.1,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 58,
 'teamNumber': 6445,
 'sortOrder1': 1.3,
 'sortOrder2': 585.0,
 'sortOrder3': 251.0,
 'sortOrder4': 1667.0,
 'sortOrder5': 300.0,
 'sortOrder6': 0.0,
 'wins': 4,
 'losses': 6,
 'ties': 0,
 'qualAverage': 282.2,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 59,
 'teamNumber': 6888,
 'sortOrder1': 1.3,
 'sortOrder2': 580.0,
 'sortOrder3': 332.0,

 'sortOrder4': 1883.0,
 'sortOrder5': 285.0,
 'sortOrder6': 0.0,
 'wins': 3,
 'losses': 7,
 'ties': 0,
 'qualAverage': 302.2,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 60,
 'teamNumber': 4941,
 'sortOrder1': 1.3,
 'sortOrder2': 545.0,
 'sortOrder3': 321.0,
 'sortOrder4': 1758.0,
 'sortOrder5': 410.0,
 'sortOrder6': 0.0,
 'wins': 2,
 'losses': 8,
 'ties': 0,
 'qualAverage': 297.8,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 61,
 'teamNumber': 3593,
 'sortOrder1': 1.3,
 'sortOrder2': 465.0,
 'sortOrder3': 295.0,
 'sortOrder4': 1504.0,
 'sortOrder5': 275.0,
 'sortOrder6': 0.0,
 'wins': 2,
 'losses': 8,
 'ties': 0,
 'qualAverage': 244.4,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 62,
 'teamNumber': 4627,
 'sortOrder1': 1.2,
 'sortOrder2': 475.0,
 'sortOrder3': 271.0,
 'sortOrder4': 1566.0,

  'sortOrder5': 245.0,
  'sortOrder6': 0.0,
  'wins': 3,
  'losses': 7,
  'ties': 0,
  'qualAverage': 254.5,
  'dq': 0,
  'matchesPlayed': 10},
 {'rank': 63,
  'teamNumber': 5716,
  'sortOrder1': 1.2,
  'sortOrder2': 455.0,
  'sortOrder3': 303.0,
  'sortOrder4': 1536.0,
  'sortOrder5': 215.0,
  'sortOrder6': 0.0,
  'wins': 2,
  'losses': 8,
  'ties': 0,
  'qualAverage': 240.6,
  'dq': 0,
  'matchesPlayed': 10},
 {'rank': 64,
  'teamNumber': 2637,
  'sortOrder1': 1.1,
  'sortOrder2': 505.0,
  'sortOrder3': 358.0,
  'sortOrder4': 1956.0,
  'sortOrder5': 275.0,
  'sortOrder6': 0.0,
  'wins': 2,
  'losses': 8,
  'ties': 0,
  'qualAverage': 309.1,
  'dq': 0,
  'matchesPlayed': 10},
 {'rank': 65,
  'teamNumber': 5908,
  'sortOrder1': 0.9,
  'sortOrder2': 530.0,
  'sortOrder3': 264.0,
  'sortOrder4': 1379.0,
  'sortOrder5': 280.0,

```
 'sortOrder6': 0.0,
 'wins': 1,
 'losses': 9,
 'ties': 0,
 'qualAverage': 253.4,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 66,
 'teamNumber': 7063,
 'sortOrder1': 0.8,
 'sortOrder2': 320.0,
 'sortOrder3': 289.0,
 'sortOrder4': 1569.0,
 'sortOrder5': 185.0,
 'sortOrder6': 0.0,
 'wins': 1,
 'losses': 9,
 'ties': 0,
 'qualAverage': 230.9,
 'dq': 0,
 'matchesPlayed': 10},
{'rank': 67,
 'teamNumber': 7057,
 'sortOrder1': 0.7,
 'sortOrder2': 495.0,
 'sortOrder3': 275.0,
 'sortOrder4': 1318.0,
 'sortOrder5': 290.0,
 'sortOrder6': 0.0,
 'wins': 0,
 'losses': 10,
 'ties': 0,
 'qualAverage': 234.3,
 'dq': 0,
 'matchesPlayed': 10}]}
```

```
In [7]:  rank_list = rank_data['Rankings']
         sort3 = 0
         for tm in rank_list:
             if tm['sortOrder3'] > sort3:
                 sort3 = tm['sortOrder3']
                 team = tm['teamNumber']
         print(team, sort3)
```

842 470.0

In [ ]: