Maya Alston

Alden Bohrmann

Ayana Kerr

**Description of Our Code**

Our program scrapes the website [http://www.topendsports.com/events/calendar-{y}.htm](http://www.topendsports.com/events/calendar-%7By%7D.htm). It finds all the sporting events for the year entered (2012-2021). It is then passed to the variable year. It is replaced in the url to give us that given year. BeautifulSoup pulls all the tables and ‘tr/td’ tags from the HTML source code. Once it has been indexed into a list, Pandas DataFrame will convert the data into a readable table for the user. The user can then search for a specific sport such as football, then the user can select which football event they would like to know more about. The variable for this user input is passed to a Wikipedia API. The Wikipedia API will search the event on Wikipedia and provide a description of the sporting event.

**Who Worked on What?**

Ayana Kerr - Handled all errors, try except and while True statements. The program recognizes all errors for example putting the incorrect year it will print (“Sorry that year is not valid, Please try again!”). Also created background and found images for poster.

Maya Alston - Created user input prompts, used BeautifulSoup to scrape internet for table, named columns and assigned them to pandas. Included text on the poster and printed it.

Alden Bohrmann - Output the scraped DataFrame (df), made program search df for a sport and event. He then passed the event to Wiki API and output information from wikipedia. Helped with the layout of the poster and created stand for it to stay up.

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