

Name: _____

Date: _____

Lab 3E: Scraping Web Data *Response Sheet*

Directions: Record your responses to the lab questions in the spaces provided.

Our first web scraper

- Briefly describe what the data on the website is about.

- Then write down 3 questions you'd be interested in answering by analyzing this data.

HTML

- How is the data table in HTML different than the data tables we're used to seeing in R, for example, when we use the `View()` function?

- What do you think the *tags* `<TABLE>`, `<TR>`, `<TH>`, `<TD>` mean? How does HTML use these *tags* to display the table?

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From scraping to cleaning

- Run the following commands and compare the names of the variables. Do you notice any differences?

```
View(mtns)
names(mtns)
```

- Which variables in your data are numerical variables and which are factors (i.e., categorical variables)?
- Which variables are wrong?

Check, save and use!

- What is the mean and standard deviation of elev_ft?
- Which state has the most mountains in our data?