Bhuyan.i607Assign.Week6

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In this application I am using rvest to scrape the bloomberg.com website. The information that I'm extracting contains the prices of market indices from around the world.

I've extracted from a table embedded within the bloomberg website the Index Name, Value, Change, Open, High, Low and Time. The results are printed below.

```
setwd("~/Desktop")
# install.packages("devtools")
library(devtools)
install_github("hadley/rvest")
```

```
## Downloading github repo hadley/rvest@master
## Installing rvest
## '/Library/Frameworks/R.framework/Resources/bin/R' --vanilla CMD INSTALL  \
##   '/private/var/folders/d4/t6d5sr5s1jq4k848yz88_9km0000gn/T/RtmpIQdWrO/devtools12b962aeb2e/hadley-rve
##   --library='/Library/Frameworks/R.framework/Versions/3.1/Resources/library'  \
##   --install-tests
```

```
library(rvest)
```

```
##
## Attaching package: 'rvest'
##
## The following object is masked from 'package:utils':
##
##     history
```

```
markets <- html("http://www.bloomberg.com/markets/")
```

```
tables <- html_nodes(markets, "table")
markets.df <- data.frame(html_table(tables[[2]]))
colnames(markets.df) <- c("Index", "Value", "Change", "Open", "High", "Low", "Time")
```

```
markets.df
```

```
##                                    Index     Value Change      Open
## 1                        Americas Futures      <NA>   <NA>      <NA>
## 2                      Dow Jones Indus. Avg 16,651.00 -1.49% 16,883.00
## 3                                  S&P 500  1,927.90 -1.44%  1,954.10
## 4                               NASDAQ 100  3,956.25 -1.27%  4,004.00
## 5    Europe, Middle East & Africa Futures      <NA>   <NA>      <NA>
## 6                            Euro Stoxx 50  3,071.00 -1.67%  3,111.00
## 7                                 FTSE 100  6,476.00 -0.77%  6,526.50
## 8                                      DAX  9,086.00 -1.16%  9,170.00
## 9                     Asia-Pacific Futures      <NA>   <NA>      <NA>
```

```
## 10                          Nikkei 225 15,660.00  -1.01% 15,810.00
## 11                          Hang Seng 23,253.00  -0.39% 23,335.00
##          High        Low     Time
## 1        <NA>       <NA>     <NA>
## 2  16,902.00  16,620.00 17:15:00
## 3   1,956.00   1,924.60 17:15:00
## 4   4,005.00   3,948.50 17:14:55
## 5        <NA>       <NA>     <NA>
## 6   3,115.00   3,039.00 16:03:44
## 7   6,540.00   6,422.00 16:53:00
## 8   9,182.00   9,010.00 16:03:44
## 9        <NA>       <NA>     <NA>
## 10 15,810.00  15,620.00 14:00:00
## 11 23,353.00  23,221.00 10:59:52
```